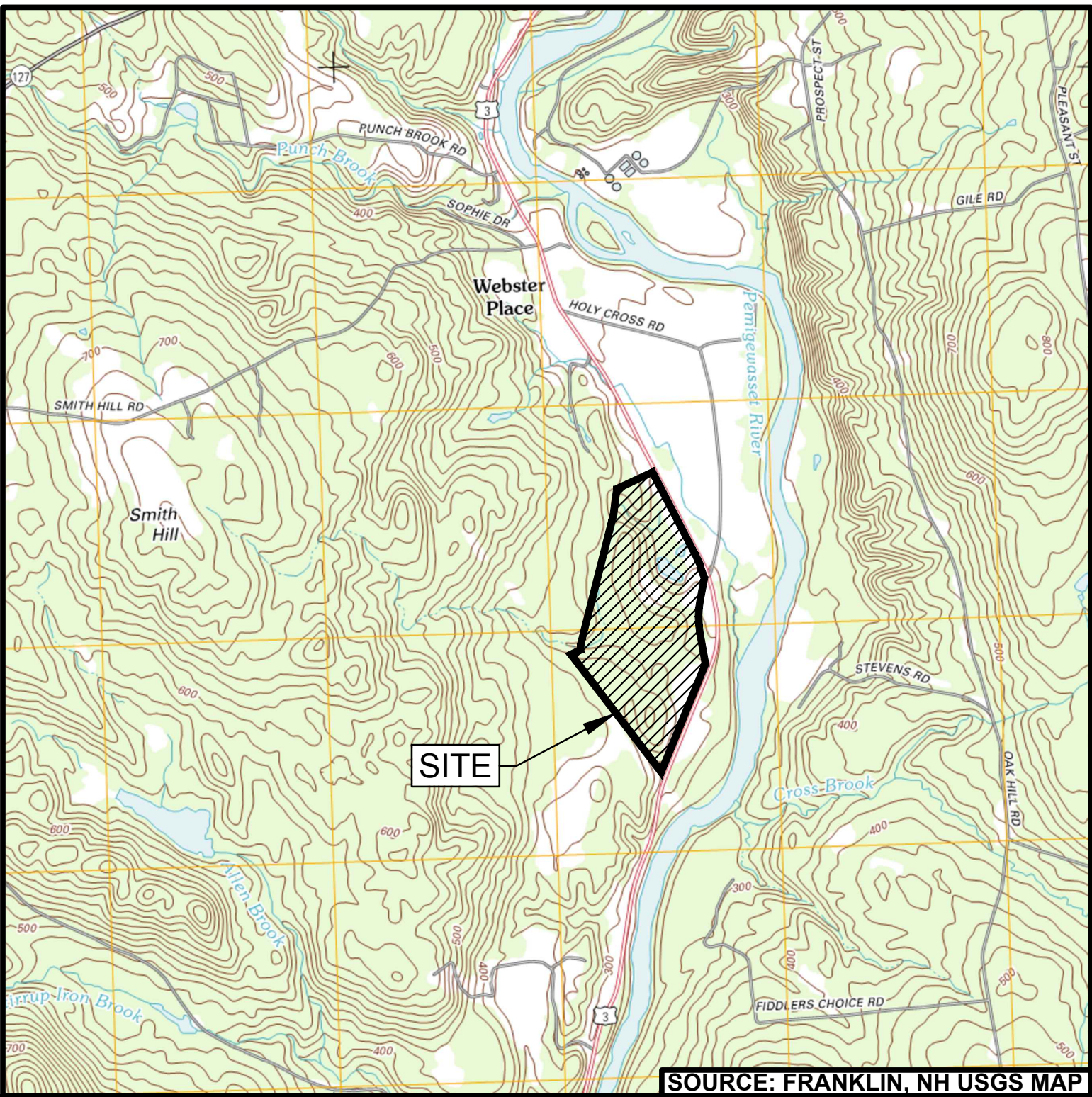


SITE DEVELOPMENT PLANS
PREPARED FOR
NORTHERN PASS TRANSMISSION, LLC
PROPOSED FRANKLIN CONVERTER STATION
SOUTH MAIN STREET, FRANKLIN, NH 03235

OWNER:



ENGINEER:



VICINITY MAP
0 2000' 4000'
SCALE IN FEET

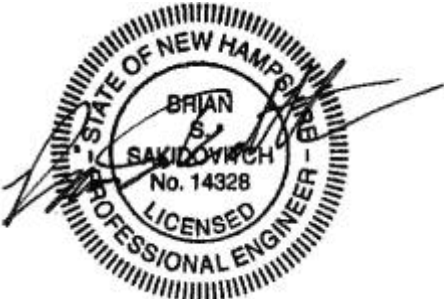
OCTOBER 1, 2015

FOR PERMITTING
PURPOSES ONLY
NOT FOR CONSTRUCTION

DRAWING INDEX	
DRAWING	DESCRIPTION
CVR	COVER SHEET
G001	GENERAL NOTES AND LEGEND
C100	SITE LAYOUT PLAN
C101	GRADING PLAN
C102	EROSION AND SEDIMENTATION CONTROL PLAN
C103	PLANTING PLAN
C104	STORMWATER SYSTEM PLAN
C200	ACCESS ROAD PROFILES
C300	SITE CROSS SECTIONS
C301	SITE CROSS SECTIONS
C500	EROSION & SEDIMENTATION CONTROL NOTES
C501	EROSION & SEDIMENTATION CONTROL DETAILS
C502	EROSION & SEDIMENTATION CONTROL DETAILS
C503	CONSTRUCTION DETAILS
C504	CONSTRUCTION DETAILS
C505	CONSTRUCTION DETAILS
C506	CONSTRUCTION DETAILS
C507	CONSTRUCTION DETAILS
C508	CONSTRUCTION DETAILS



NEW HAMPSHIRE STATE LAW REQUIRES HOMEOWNERS AND CONTRACTORS TO CONTACT DIG SAFE, BY DIALING 8-1-1 AT LEAST THREE BUSINESS DAYS BEFORE BEGINNING ANY DIGGING OR EXCAVATION PROJECT. WHEN DIG SAFE RECEIVES A CALL, THE HOMEOWNER OR CONTRACTOR MUST WAIT 72 BUSINESS HOURS. DURING THIS TIME, UTILITY REPRESENTATIVES RESPOND TO MARK THEIR LINES WITHIN YOUR PRE-MARKED AREA. ALL INFORMATION REGARDING DIG SAFE RULES AND REGULATIONS CAN ALSO BE FOUND AT www.digsafe.com.



This document has been digitally sealed.
Oct 5 2015

THE NORTHERN PASS

Transmission Business

#

FRANKLIN STATION COVER SHEET

DATE: 10/1/2015
SCALE: AS NOTED

DES: RLK | CHK: JLS
DRW: KRB | APR: BSS
TOWN: FRANKLIN, NH
TRANSMISSION LINE:
MILE NO:
SHEET 1 OF 19
NPTT501-CVR

REVISION: 11/15/2013

NO.	REVISION	DATE	BY	CHK	APPV.
1	ISSUED FOR PERMITTING	10/1/15	KRB	BSS	JLS

BACKGROUND NOTES:

1. BACKGROUND INFORMATION BASED ON "EXISTING CONDITIONS PLAN" BY CHA DESIGN/CONSTRUCTION SOLUTIONS DATED 12/02/2013.
2. ELEVATIONS, CONTOURS AND BENCHMARKS ARE BASED ON NAVD 1988 VERTICAL DATUM.
3. HORIZONTAL LOCATIONS ARE BASED ON NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM NAD 83.
4. THERE ARE DELINEATED WATERCOURSES LOCATED ONSITE. REFER TO WETLANDS, RIVERS, STREAMS AND VERNAL POOLS DELINEATION REPORT BY NORMANDEAU ENVIRONMENTAL CONSULTANTS DATED NOVEMBER 22, 2013.
5. THE SITE IS LOCATED WITHIN FEMA ZONE 'X' FLOOD ZONE AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP NUMBER 33013CO169E, DATED APRIL 19 2010.
6. PROPERTY AREA = 118.457 ACRES, NPDES/LIMIT OF DISTURBANCE (LOD) AREA TOTAL = 15.875 ACRES.

GENERAL NOTES:

1. GENERAL NOTES SHALL APPLY TO THE SITE DEVELOPMENT PLANS THROUGHOUT. REFER TO INDIVIDUAL SHEETS FOR SHEET SPECIFIC NOTES.
2. CONTRACTOR(S) TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS OF THE WORK AND BE RESPONSIBLE FOR COORDINATION OF SAME. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.
3. ENGINEER ASSUMES NO RESPONSIBILITY AS TO THE CONTENT OF THE EXISTING CONDITIONS PLAN INCLUDING BUT NOT LIMITED TO LOCATION, SIZE, AND ELEVATIONS OF UTILITIES AND STRUCTURES NOT VISIBLE AND WHERE TAKEN FROM PLANS BY OTHERS.
4. EXISTING CONDITIONS SURVEY INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "DIGSAFE" PRIOR TO COMMENCEMENT OF WORK AT "811" AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS IN THE FIELD AND CONTACT THE OWNER AND ENGINEER IF THERE ARE ANY QUESTIONS AND/OR CONFLICTS REGARDING THE SITE DEVELOPMENT PLANS AND/OR EXISTING FIELD CONDITIONS PRIOR TO CONSTRUCTION. REFER TO THE PROJECT SPECIFICATIONS MANUAL FOR ADDITIONAL INFORMATION. SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED, EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, INFORM THE OWNER AND CONSULT THE CIVIL ENGINEER IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
6. ALL CONSTRUCTION SHALL COMPLY WITH PROJECT SPECIFICATION MANUAL, EVERSOURCE STANDARDS AND SPECIFICATIONS, AND THESE PLANS. IF SPECIFICATIONS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL APPLY. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE OSHA, FEDERAL, STATE AND LOCAL REGULATIONS. INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - a. NEW HAMPSHIRE STORMWATER MANUAL, VOLUMES 1, 2 & 3, DECEMBER 2008.
 - b. NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION MANUAL ON DRAINAGE DESIGN FOR HIGHWAYS, REVISION DATE APRIL 1998.
 - c. NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS (2010).
 - d. EVERSOURCE BEST MANAGEMENT PRACTICES MANUAL (TO BE FURTHER DEVELOPED).
 - e. EVERSOURCE STANDARD SPECIFICATIONS (10-24-2014).
7. DO NOT INTERRUPT EXISTING SERVICING UTILITIES AND FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER, THE LOCAL MUNICIPALITIES, THE UTILITY PROVIDER, AND ANY APPLICABLE REGULATORY AGENCY. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
8. THE CONTRACTOR SHALL PROVIDE RECORD AS-BUILT DRAWINGS OF ALL CONSTRUCTION IN ACCORDANCE WITH OWNER AND REGULATORY AGENCY REQUIREMENTS (INCLUDING UNDERGROUND UTILITIES) TO THE OWNER AT THE END OF CONSTRUCTION.
9. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE CAUTION WHEN SCALING

PLANS. IN CASE OF CONFLICT BETWEEN PLAN SET AND ANY OTHER
DRAWING AND/OR SPECIFICATION, THE ENGINEER SHALL BE NOTIFIED
IMMEDIATELY FOR CLARIFICATION.

10. IF A CONFLICT ARISES BETWEEN PLANS, SPECIFICATIONS, AND/OR DETAILS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR CLARIFICATION.
11. THE CONTRACTOR SHALL ABIDE BY ALL OSHA, FEDERAL, STATE, AND LOCAL REGULATIONS IN ALL INSTANCES AND WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTACT POWER COMPANY TO MAKE ARRANGEMENT FOR PROPER SAFEGUARDS. ANY UTILITY COMPANY FEES SHALL BE PAID FOR BY THE CONTRACTOR.
12. THE ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ENGINEER HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OR TO SUPERVISE SAFETY AND DOES NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
13. ALL NOTES AND DIMENSIONS DESIGNATED "TYPICAL" OR "(TYP.)" APPLY TO ALL LIKE OR SIMILAR CONDITIONS THROUGHOUT THE PROJECT.
14. ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF SUBMITTED, REVIEWED, AND APPROVED BY THE OWNER, ENGINEER, AND APPROPRIATE REGULATORY AGENCY PRIOR TO CONSTRUCTION.
15. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS AND MATERIALS PER PLANS AND SPECIFICATIONS TO THE OWNER AND ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ORDERING, FABRICATION, OR DELIVERY TO THE SITE. FOR EACH SUBMITTAL, ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
16. THE CONTRACTOR SHALL RESTORE ANY DRAINAGE STRUCTURE, PIPE, UTILITY, PAVEMENT, CURBS, SIDEWALKS, LANDSCAPED AREAS OR SIGNAGE AND OTHER INCIDENTAL DISTURBANCES AND DAMAGES DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AS APPROVED BY THE OWNER, ENGINEER AND REGULATORY AGENCY.
17. THE CONTRACTOR SHALL COMPLY WITH 29 CFR PART 1926 FOR EXCAVATION TRENCHING AND TRENCH PROTECTION REQUIREMENTS.
18. NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS IS GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.
19. DEMOLITION OF EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO BUILDINGS, STRUCTURES, PAVEMENT, WELLS, SEPTIC, SANITARY SEWER, FENCES, TREES, ETC. SHALL BE PER THE DIRECTION OF EVERSOURCE AND SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
20. PERMANENT BENCHMARKS SHALL BE INSTALLED UPON COMPLETION OF CLEARING.
21. ELECTRICAL STATION COMPONENTS, UNDERGROUND TRANSMISSION LINES, OVER HEAD TRANSMISSION LINES AND THEIR FOUNDATIONS DEPICTED HEREIN ARE FOR REFERENCE ONLY.
22. ANY CLEARED AND EXCAVATED MATERIALS WHICH ARE SUSPECTED OF BEING ENVIRONMENTALLY POLLUTED, CONTAMINATED, OR IMPACTED SHALL BE STOCKPILED ON-SITE ON TOP OF POLYETHYLENE SHEETING AND COVERED WITH POLYETHYLENE SHEETING. THE OWNER AND ENGINEER SHALL BE IMMEDIATELY INFORMED UPON ENCOUNTERING THIS MATERIAL. STORAGE, TESTING, TREATMENT, REMOVAL, AND DISPOSAL OF ENVIRONMENTALLY POLLUTED, CONTAMINATED, OR IMPACTED MATERIAL SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
23. CONTRACTOR SHALL TAKE PRECAUTIONS TO ENSURE NO DISTURBANCE BEYOND THE DEPICTED LIMIT OF DISTURBANCE.
24. THE CONTRACTOR SHALL ESTABLISH BEST MANAGEMENT PRACTICES FOR BLASTING OF BEDROCK IN ACCORDANCE WITH THE NHDES PUBLICATION WD-10-12 "ROCK BLASTING AND WATER QUALITY MEASURES THAT CAN BE TAKEN TO PROTECT WATER QUALITY AND MITIGATE IMPACTS", 2010. IF THE BLAST ROCK VOLUME GENERATED IS GREATER THAN 5,000 CUBIC YARDS, THE CONTRACTOR SHALL DEVELOP A GROUNDWATER MONITORING PROGRAM FOR SUBMISSION TO THE OWNER AND ENGINEER. BLASTING SHALL NOT COMMENCE UNTIL THESE REQUIREMENTS ARE APPROVED BY THE NHDES, AS REQUIRED.
25. PROPOSED STORM DRAINAGE SYSTEM SHALL BE HS-20 RATED.


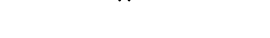

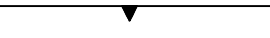
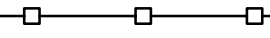
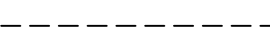










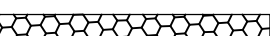
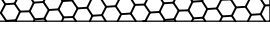

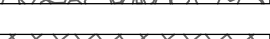

EXISTING LEGEND

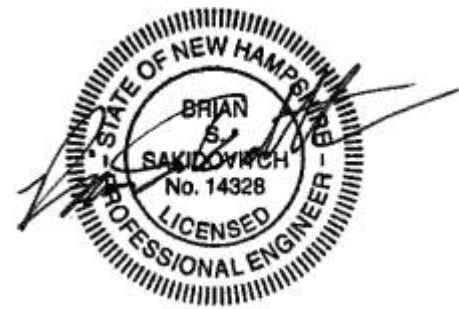
	PROPERTY LINE
	ADJOINING PROPERTY LINE
	RIGHT OF WAY LINE
	EASEMENT LINE
	MAJOR CONTOUR
	MINOR CONTOUR
	TREELINE
	OVER HEAD WIRE
	STOCKADE FENCE
	CHAIN LINK FENCE
	WETLANDS LINE
	STREAM OR WATERWAY
	STONEWALL
WF600-9	WETLAND FLAG
IP	IRON PIPE
CB/DH	CONCRETE BOUND WITH DRILL HOLE
SB/DH	STONE BOUND WITH DRILL HOLE
	SURVEY CONTROL POINT
	UTILITY POLE

LIST OF ABBREVIATIONS

ACP	ASBESTOS CEMENT PIPE	LBS	POUNDS
APT	ANGLE POINT	LF	LINEAR FOOT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	LG	WALL HIGH GRADE
BIT	BITUMINOUS CONCRETE	LOD	LIMIT OF DISTURBANCE
BLDG	BUILDING	MAX	MAXIMUM
BM	BENCH MARK	MFR	MANUFACTURER
BW	BOTTOM OF WALL	MH	MANHOLE
CB	CATCH BASIN	MIN	MINIMUM
CATV	CABLE TELEVISION	N	NORTHING
CI	CAST IRON PIPE	NO	NUMBER
CIC	CAST IRON COVER	NOM	NOMINAL
CL	CENTERLINE	OC	ON CENTER
CL	CENTERLINE	OCS	OUTLET CONTROL STRUCTURE
CLF	CHAIN LINK FENCE	OD	OUTSIDE DIMENSION
CLR	CLEAR	PC	POINT OF CURVATURE
CMP	CORRUGATED METAL PIPE	POB	POINT OF BEGINNING
CO	CLEANOUT	PIV	POST INDICATOR VALVE
CONC	CONCRETE	PRC	POINT OF REVERSE CURVATURE
COR	CORNER	PSI	POUNDS PER SQUARE INCH
CTRS	CENTERS	PT	POINT OF TANGENCY
DIA	DIAMETER	PVC	POLYVINYL CHLORIDE PIPE
DMH	DRAINAGE MANHOLE	R	RADIUS
E	EASTING	RAD	RADIUS
EL	ELEVATION	RCP	REINFORCED CONCRETE PIPE
ELEV	ELEVATION	SD	STORM DRAIN
EMH	ELECTRIC MANHOLE	SDMH	STORM DRAIN MANHOLE
EOP	EDGE OF PAVEMENT	SESC	SOIL EROSION AND SEDIMENT CONTROL
EXP	EXPANSION	SS	SANITARY SEWER
EXIST	EXISTING	SSMH	SANITARY SEWER MANHOLE
G	GAS	SSFM	SANITARY SEWER FORCE MAIN
GALV	GALVANIZED	SQ FT	SQUARE FOOT
GR	GRATE	SQ M	SQUARE METER
HDPE	CORRUGATED HIGH DENSITY POLYETHYLENE PIPE	TYP	TYPICAL
HT	HEIGHT	TW	TOP OF WALL
INV	INVERT	UC	UNDERGROUND COMMUNICATION
		UD	UNDERDRAIN
		UE	UNDERGROUND ELECTRICAL
		UG	UNDERGROUND
		UP	UTILITY POLE
		VC	VITRIFIED CLAY PIPE
		W/O	WITHOUT

PROPOSED LEGEND

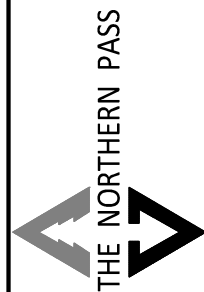
	MAJOR CONTOUR
	MINOR CONTOUR
	TREELINE
	PERIMETER FENCE
	GUIDERAIL
	SILT FENCE
	CONSTRUCTION FENCE
	LIMIT OF STONE SURFACING
	LIMIT OF DISTURBANCE
	STORMWATER SWALE
	UNDERDRAIN PIPE
	STORM SEWER PIPE
	MANHOLE
	OUTLET CONTROL STRUCTURE
	FLARED END SECTION
	CLEANOUT
	SPOT ELEVATION
	RIP RAP
	GRAVEL STONE SURFACING
	BITUMINOUS CONCRETE PAVEMENT
	GRASS / MULCH COVER



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Oct 5 2015

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1	ISSUED FOR PERMITTING	10/1/15	KRB	BSS	JUS
NO.	REVISION	DATE	CHD	APPRV.	
2					
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Transmission
Business

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FRANKLIN STATION
GENERAL NOTES & LEGEND

DES: RLR	CHK: JJS
DRW: KRB	APP: BSS

TOWN:
FRANKLIN NH

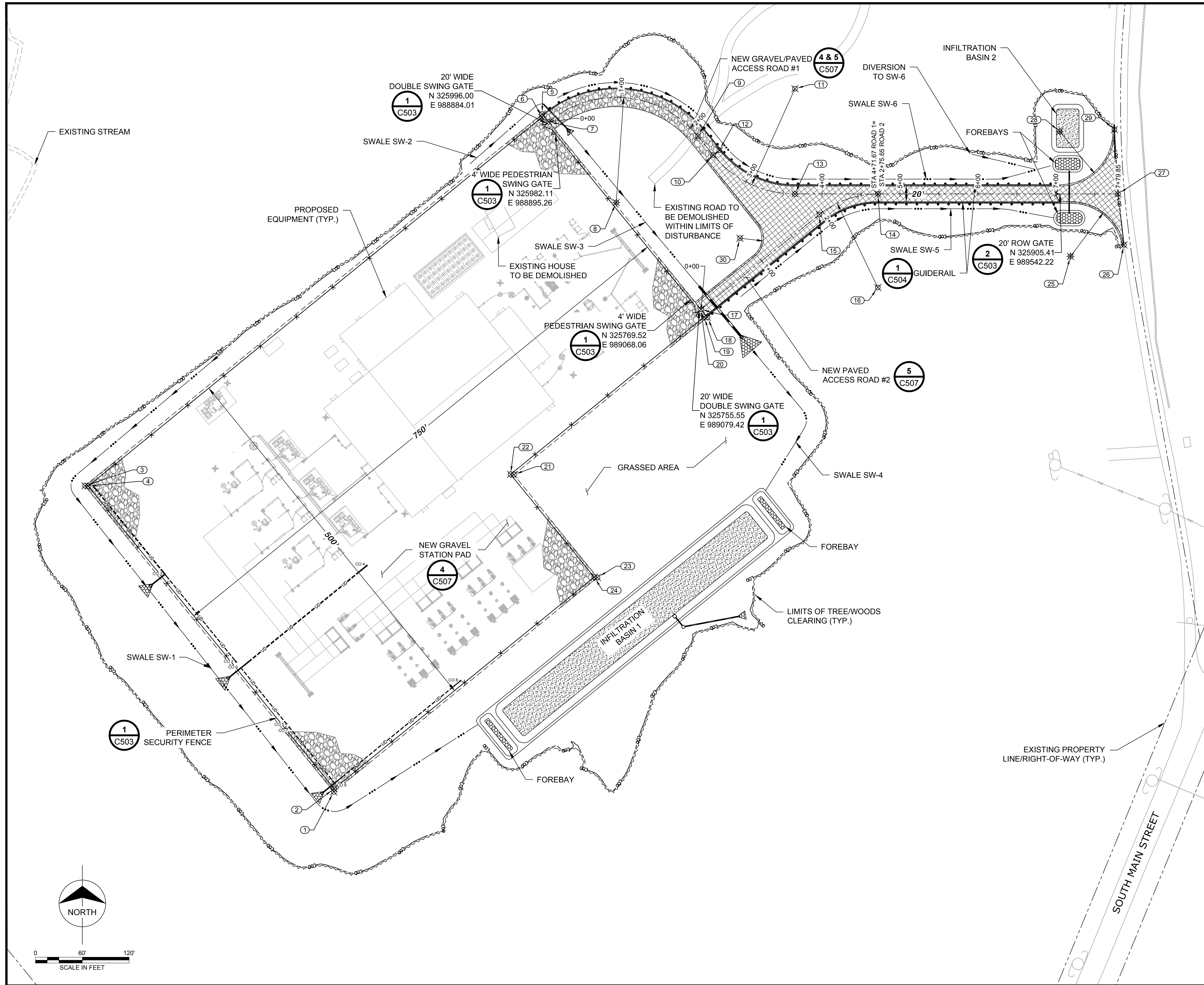
TRANSMISSION LINE:

MILE NO:

SHEET 2 OF 19

NPT 1502-G001

REVISION: 11/10/2013



SITE PLAN NOTES:

- REFER TO SHEET NPPT502-G001 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.
- THE STATION ELECTRICAL EQUIPMENT, ENCLOSURES, FOUNDATIONS, OTHER STATION APPURTENANCES, OVERHEAD TRANSMISSION, AND UNDERGROUND TRANSMISSION ARE SHOWN FOR REFERENCE ONLY.
- THIS DRAWING IS INTENDED TO DEPICT SITE LAYOUT ONLY.
- CONTRACTOR SHALL TAKE PRECAUTIONS TO ENSURE NO DISTURBANCE BEYOND DEPICTED LIMIT OF NPDES/LIMIT OF DISTURBANCE.
- NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM
HORIZONTAL DATUM - NAD83
VERTICAL DATUM - NAVD88
- UPON COMPLETION OF SITE CLEARING, THE CONTRACTOR SHALL FURNISH AND INSTALL PERMANENT BENCHMARKS IN THE LOCATIONS DEPICTED ON THE PLANS IN ACCORDANCE WITH THE STATE OF NEW HAMPSHIRE SURVEYING CODES AND STANDARDS. BENCHMARK ELEVATIONS SHALL BE SET IN FIELD AND VERIFIED PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL INSTALL GUIDERAIL SYSTEMS AS DEPICTED IN ACCORDANCE WITH NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD PLANS FOR THREE BEAM SINGLE FACED GUIDERAIL WITH STEEL POSTS AND TERMINAL UNIT TYPE G-2. THIS END SECTION IS NOT CRASH WORTHY. IT IS INTENDED FOR USE PRIMARILY ON LOW SPEED ACCESS ROADS WHERE IT CAN NOT BE HIT.
- OFFSITE ROADWAY (TOWN AND/OR STATE) IMPROVEMENTS AS A RESULT OF THE STATION DEVELOPMENT ARE NOT ANTICIPATED.

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
1	325138.56	988610.55	CORNER OF PAD
2	325142.78	988610.99	FENCE CORNER
3	325531.21	988291.39	CORNER OF PAD
4	325530.77	988295.61	FENCE CORNER
5	326008.06	988878.03	CORNER OF PAD
6	326003.84	988877.60	FENCE CORNER
7	325997.97	988886.23	BEGIN ACCESS ROAD 1
8	325894.48	988972.94	135' RAD PT TO CL OF ROAD 1
9	325979.63	989077.69	ACCESS ROAD 1 - P.T.
10	325955.36	989097.42	ACCESS ROAD 1 - P.C.
11	326040.51	989202.18	135' RAD PT TO CL OF ROAD 1
12	325961.65	989105.19	ACCESS ROAD 1 - END PAVING
13	325905.51	989202.18	ACCESS ROAD 1 - P.T.
14	325905.51	989308.60	P.I. ACCESS ROADS 1 & 2
15	325879.13	989233.53	ACCESS ROAD 2 - P.C.
16	325785.51	989308.60	120' RAD PT TO CL OF ROAD 2
17	325757.43	989081.76	ACCESS ROAD 2 - END PAVING
18	325747.33	989089.97	CORNER OF PAD
19	325747.79	989085.72	FENCE CORNER
20	325757.43	989081.76	BEGIN ACCESS ROAD 2
21	325545.49	988841.65	CORNER OF PAD
22	325545.93	988837.43	FENCE CORNER
23	325413.57	988948.88	CORNER OF PAD
24	325414.01	988944.66	FENCE CORNER
25	325825.51	989555.77	70' RAD PT
26	325840.12	989624.22	TIE INTO EXISTING ROAD
27	325905.51	989616.78	TIE INTO EXISTING ROAD
28	325988.05	989542.00	70' RAD PT
29	325988.05	989611.96	TIE INTO EXISTING ROAD
30	325848.72	989131.66	30' RAD PT

**FOR PERMITTING PURPOSES ONLY
NOT FOR CONSTRUCTION**

STATE OF NEW HAMPSHIRE
BRIAN J. SANDOZ
No. 14328
LICENSED PROFESSIONAL ENGINEER

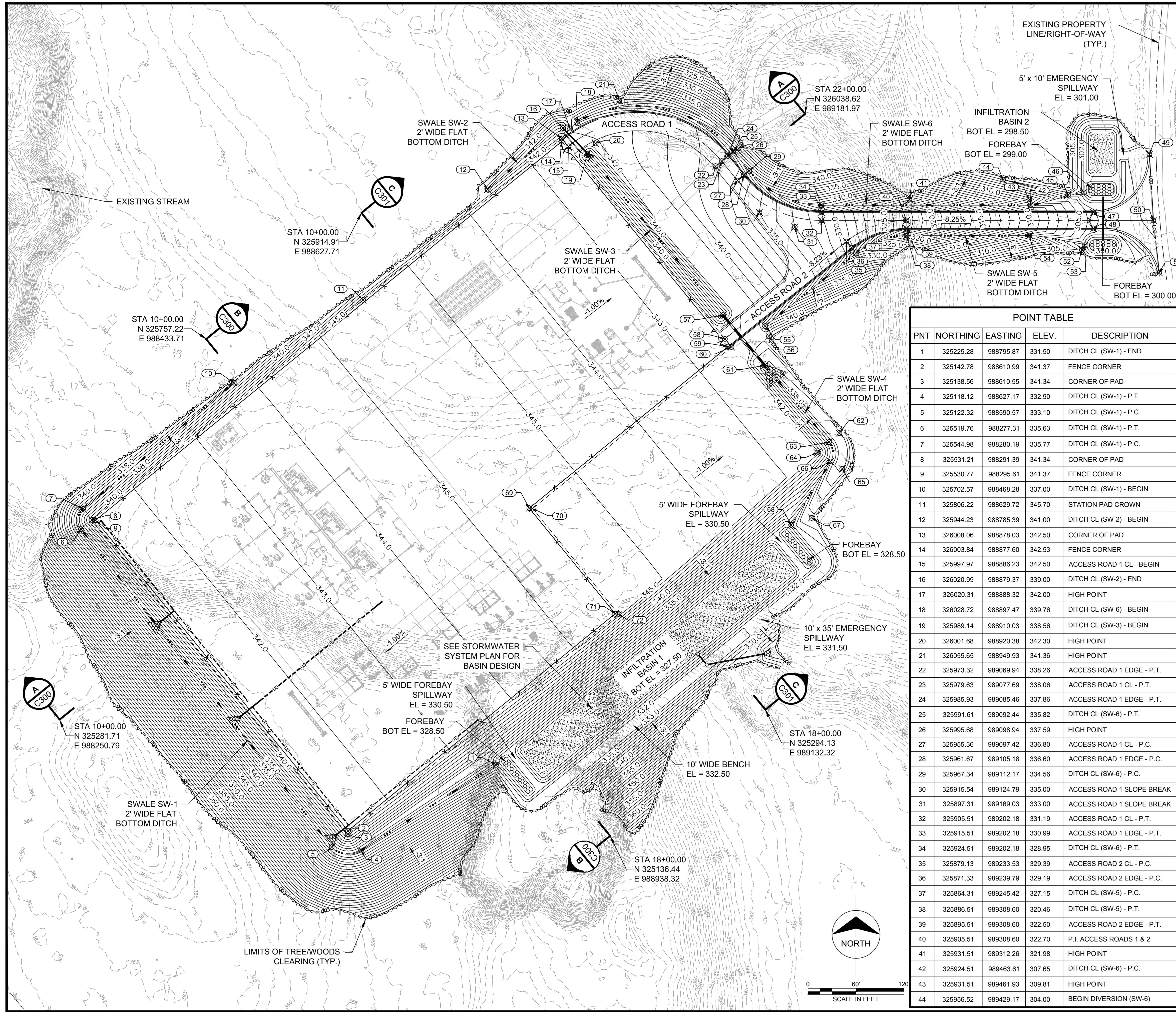
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Oct 5 2015

DES: RLB | CHK: JLS
DRW: KRB | APR: BSS

TOWN: FRANKLIN, NH
TRANSMISSION LINE:

SCALE: 1"=50'

REVISION: 11/10/2013



GRADING PLAN NOTES:

- REFER TO SHEET NPTT502-G001 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.
- REFER TO SHEETS NPTT509-C300 AND NPTT510-C301 FOR GRADING CROSS SECTIONS.
- NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM
HORIZONTAL DATUM - NAD83
VERTICAL DATUM - NAVD88
- PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATED REFER TO TOP OF FINISH SURFACE.
- ALL FILL AND CUT SLOPES ARE 3-FT HORIZONTAL TO 1-FT VERTICAL (3:1) UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL PLACE 4" TOPSOIL AND SEED ON ALL CUT AND FILL SLOPES AS SPECIFIED UNLESS ANOTHER SURFACE MATERIAL IS INDICATED. EROSION CONTROL BLANKETS (NORTH AMERICAN GREEN SC250 OR ENGINEER APPROVED EQUAL) SHALL BE PLACED OVER ALL SEEDED SIDE SLOPES.
- AFTER COMPLETION OF YARD SUBGRADE WORK, THE SURFACE COURSE FOR THE STATION (INSIDE THE FENCE, 3-FT OUTSIDE THE FENCE, AND WHERE INDICATED ON THE PLANS) SHALL CONSIST OF A 4-INCH LAYER OF CRUSHED BASALT (ANGULAR STONE) STONE MEETING THE GRADATION REQUIREMENTS INDICATED IN THE SPECIFICATIONS.
- CONTRACTOR SHALL PROTECT/REPAIR ALL SLOPES UNTIL FINAL VEGETATIVE OR STONE STABILIZATION.
- ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED AND STABILIZED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS.
- STABILIZE ALL DITCHES, SWALES, AND PONDS PRIOR TO DIRECTING STORMWATER RUNOFF TO THEM.
- TURF REINFORCEMENT MAT (TRM) SHALL BE INSTALLED ON ALL 3-FT HORIZONTAL TO 1-FT VERTICAL SLOPES (3:1) OR STEEPER, AND BE NORTH AMERICAN GREEN SC250 OR APPROVED EQUAL.
- EARTHWORK AND COMPACTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL ENGINEERING REPORT BY OTHERS.

PNT	NORTHING	EASTING	ELEV.	DESCRIPTION
1	325225.28	988795.87	331.50	DITCH CL (SW-1) - END
2	325142.78	988610.99	341.37	FENCE CORNER
3	325138.56	988610.55	341.34	CORNER OF PAD
4	325118.12	988627.17	332.90	DITCH CL (SW-1) - P.T.
5	325122.32	988590.57	333.10	DITCH CL (SW-1) - P.C.
6	325519.76	988277.31	335.63	DITCH CL (SW-1) - P.T.
7	325544.98	988280.19	335.77	DITCH CL (SW-1) - P.C.
8	325531.21	988291.39	341.34	CORNER OF PAD
9	325530.77	988295.61	341.37	FENCE CORNER
10	325702.57	988468.28	337.00	DITCH CL (SW-1) - BEGIN
11	325806.22	988629.72	345.70	STATION PAD CROWN
12	325944.23	988785.39	341.00	DITCH CL (SW-2) - BEGIN
13	326008.06	988878.03	342.50	CORNER OF PAD
14	326003.84	988877.60	342.53	FENCE CORNER
15	325997.97	988886.23	342.50	ACCESS ROAD 1 CL - BEGIN
16	326020.99	988879.37	339.00	DITCH CL (SW-2) - END
17	326020.31	988888.32	342.00	HIGH POINT
18	326028.72	988897.47	339.76	DITCH CL (SW-6) - BEGIN
19	325989.14	988910.03	338.56	DITCH CL (SW-3) - BEGIN
20	326001.68	988920.38	342.30	HIGH POINT
21	326055.65	988949.93	341.36	HIGH POINT
22	325973.32	989069.94	338.26	ACCESS ROAD 1 EDGE - P.T.
23	325979.63	989077.69	338.06	ACCESS ROAD 1 CL - P.T.
24	325985.93	989085.46	337.86	ACCESS ROAD 1 EDGE - P.T.
25	325991.61	989092.44	335.82	DITCH CL (SW-6) - P.T.
26	325995.68	989098.94	337.59	HIGH POINT
27	325955.36	989097.42	336.80	ACCESS ROAD 1 CL - P.C.
28	325961.67	989105.18	336.60	ACCESS ROAD 1 EDGE - P.C.
29	325967.34	989112.17	334.56	DITCH CL (SW-6) - P.C.
30	325915.54	989124.79	335.00	ACCESS ROAD 1 SLOPE BREAK
31	325897.31	989169.03	333.00	ACCESS ROAD 1 SLOPE BREAK
32	325905.51	989202.18	331.19	ACCESS ROAD 1 CL - P.T.
33	325915.51	989202.18	330.99	ACCESS ROAD 1 EDGE - P.T.
34	325924.51	989202.18	328.95	DITCH CL (SW-6) - P.T.
35	325879.13	989233.53	329.39	ACCESS ROAD 2 CL - P.C.
36	325871.33	989239.79	329.19	ACCESS ROAD 2 EDGE - P.C.
37	325864.31	989245.42	327.15	DITCH CL (SW-5) - P.C.
38	325886.51	989308.60	320.46	DITCH CL (SW-5) - P.T.
39	325895.51	989308.60	322.50	ACCESS ROAD 2 EDGE - P.T.
40	325905.51	989308.60	322.70	P.I. ACCESS ROADS 1 & 2
41	325931.51	989312.26	321.98	HIGH POINT
42	325924.51	989463.61	307.65	DITCH CL (SW-6) - P.C.
43	325931.51	989461.93	309.81	HIGH POINT
44	325956.52	989429.17	304.00	BEGIN DIVERSION (SW-6)

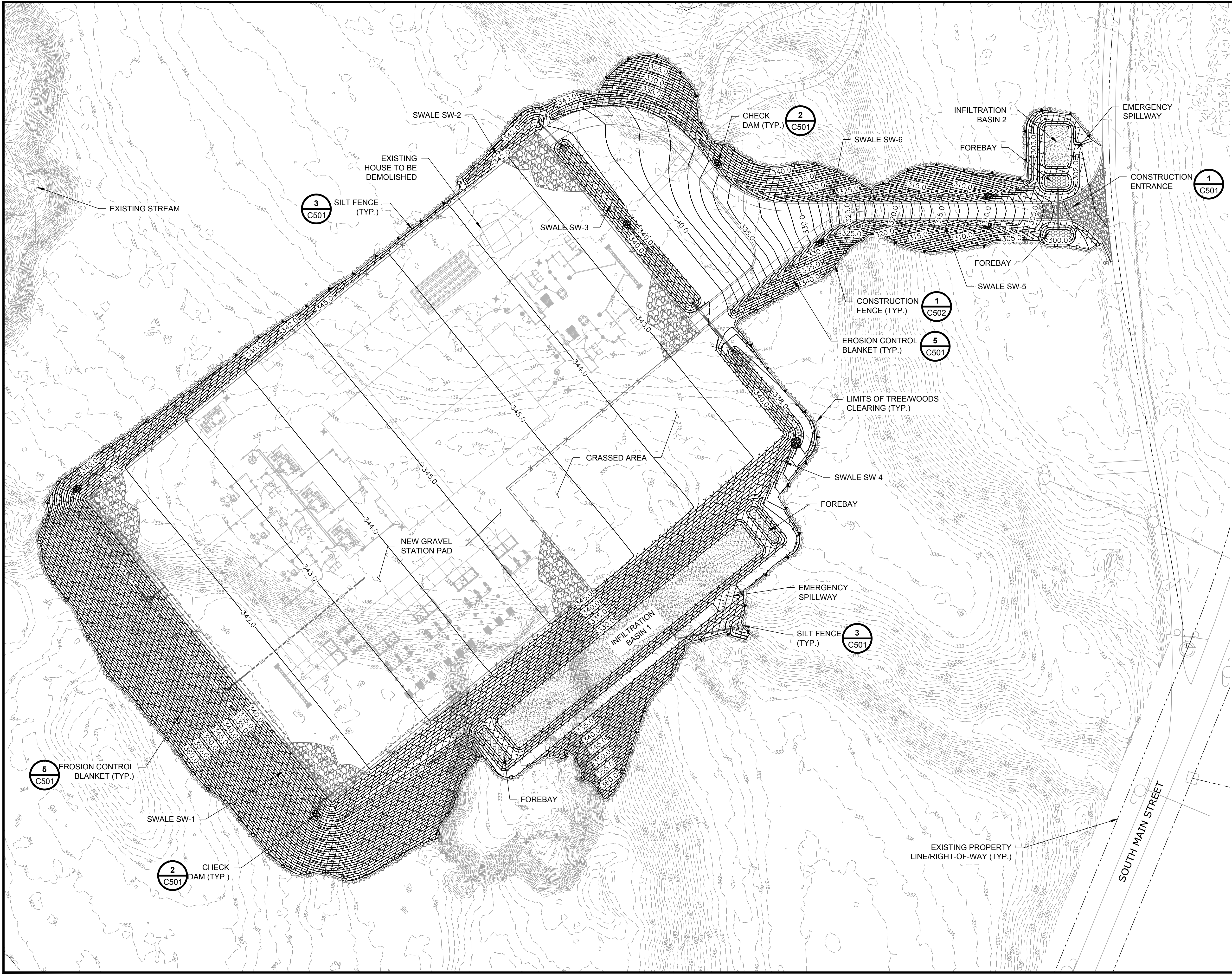
PNT	NORTHING	EASTING	ELEV.	DESCRIPTION
45	325937.21	989510.18	303.00	END DIVERSION (SW-6)
46	325940.49	989530.16	301.00	DITCH CL (SW-6) - END
47	325915.51	989541.93	303.27	ACCESS ROAD EDGE - P.C.
48	325895.51	989541.93	303.27	ACCESS ROAD EDGE - P.C.
49	325988.05	989611.96	300.37	TIE INTO EXISTING ROAD
50	325905.51	989616.78	300.71	TIE INTO EXISTING ROAD
51	325840.12	989624.22	301.81	TIE INTO EXISTING ROAD
52	325868.62	989527.63	303.51	HIGH POINT
53	325874.51	989531.11	302.00	DITCH CL (SW-5) - END
54	325886.51	989462.16	307.79	DITCH CL (SW-5) - P.C.
55	325773.48	989132.14	339.00	DITCH CL (SW-5) - BEGIN
56	325760.68	989136.76	341.99	HIGH POINT
57	325787.18	989079.22	337.24	DITCH CL (SW-3) - END
58	325757.43	989081.76	342.50	ACCESS ROAD 2 CL - BEGIN
59	325747.79	989085.72	342.53	FENCE CORNER
60	325747.33	989089.97	342.50	CORNER OF PAD
61	325724.44	989131.69	336.83	DITCH CL (SW-4) - BEGIN
62	325639.68	989224.68	338.40	EDGE OF BERM
63	325628.51	989211.87	336.20	DITCH CL (SW-4) - P.C.
64	325615.27	989197.02	342.50	EDGE OF LEVEL GRADE
65	325595.23	989228.25	338.27	EDGE OF BERM
66	325604.21	989213.82	336.07	DITCH CL (SW-4) - P.T.
67	325533.76	989190.01	334.73	EDGE OF BERM
68	325524.89	989164.46	331.50	DITCH CL (SW-4) - END
69	325545.93	988837.43	345.67	FENCE CORNER
70	325545.49	988841.65	345.70	CORNER OF PAD
71	325414.01	988944.66	345.67	FENCE CORNER
72	325413.57	988948.88	345.70	CORNER OF PAD

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FRANKLIN STATION
GRADING PLAN

DES: RLB | CHK: LJS
DRAW: KRB | APR: BSS
TOWN: FRANKLIN, NH
TRANSMISSION LINE:
MILE NO:
SHEET 4 OF 19
NPTT504-C101

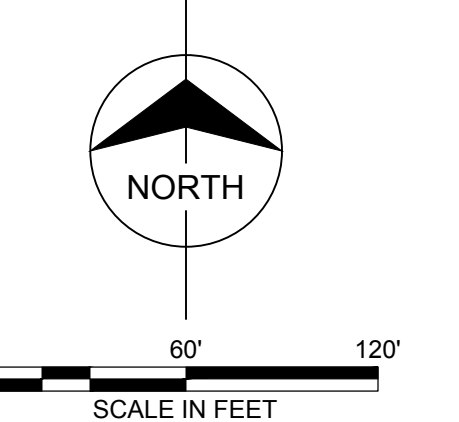
REVISION: 11/10/2013



- EROSION & SEDIMENTATION CONTROL PLAN NOTES:**
1. REFER TO SHEET NPPT502-G001 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.
 2. REFER TO SHEET NPPT511-C500 FOR EROSION AND SEDIMENTATION CONTROL NOTES.
 3. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND SILT FENCE PRIOR TO EARTH DISTURBANCE.
 4. INSTALL ROCK CHECK DAMS IN ALL SWALES PER DETAIL 2 ON SHEET NPPT512-C501 .
 5. ALL SLOPES 3:1 AND STEEPER SHALL RECEIVE NA GREEN SC250 EROSION CONTROL MATTING.
 6. CONTRACTOR SHALL USE SILT FENCE OR SILT SOCKS AS INDICATED ON PLANS.
 7. TOTAL LIMITS OF DISTURBANCE (LOD) = 691,505 SF = 15.875 ACRES.

LEGEND:

	STONE CONSTRUCTION ENTRANCE
	EROSION CONTROL BLANKET
	STONE CHECK DAM
	SILT FENCE
	CONSTRUCTION FENCE



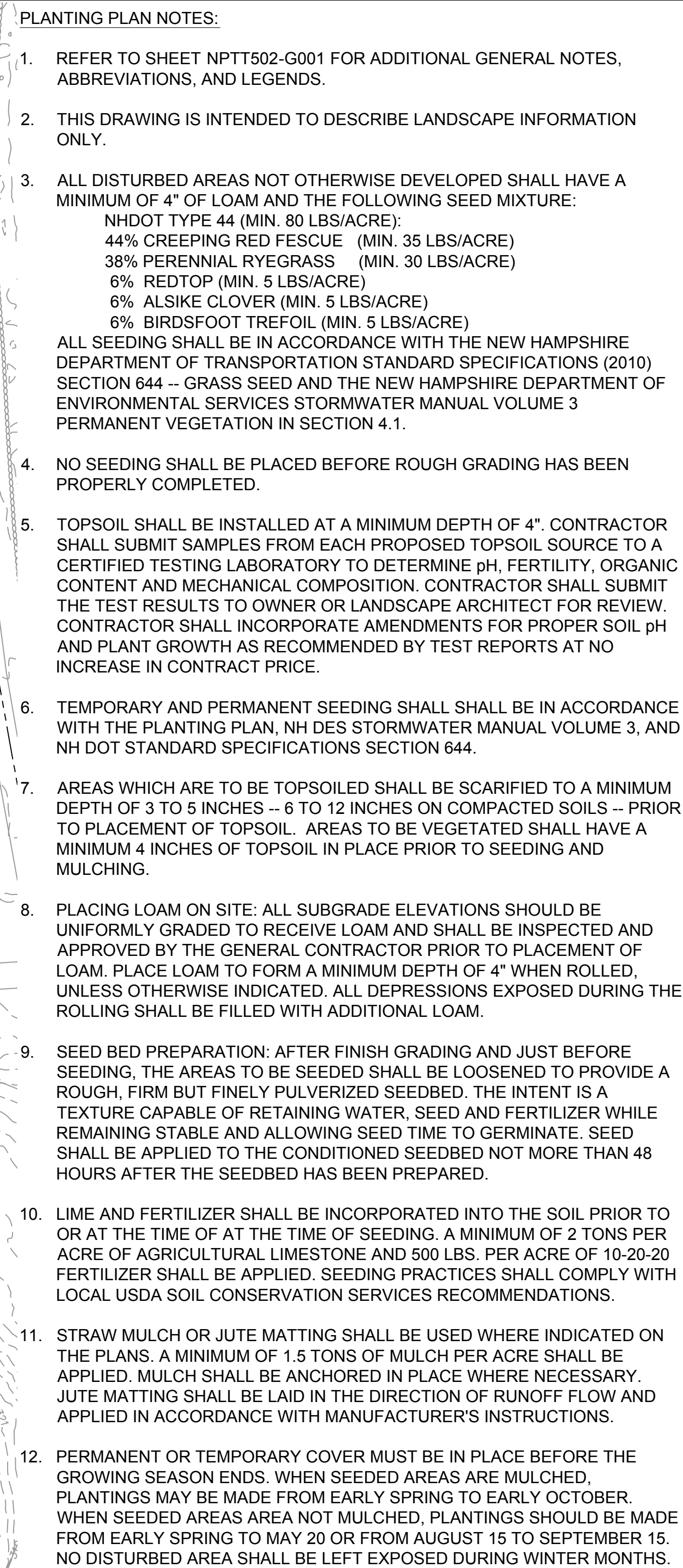
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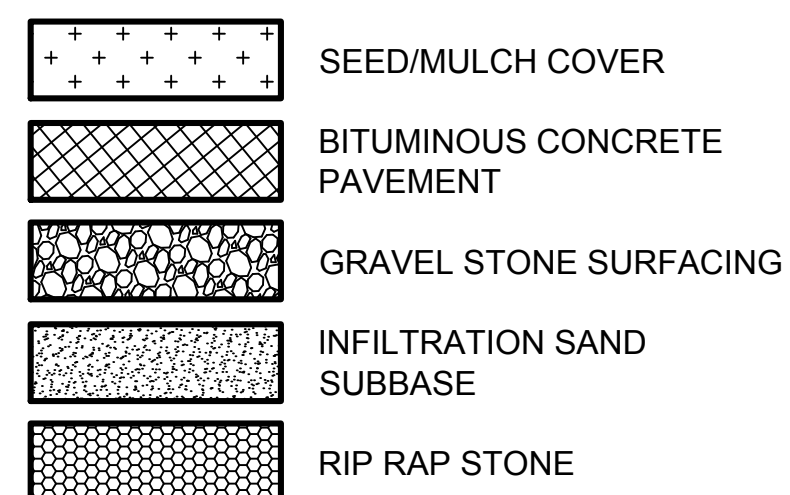
DES: RLB	CHK: JUS	DATE: 10/1/2015
DRW: KRB	APR: BSS	SCALE: 1"=40'
TOWN: FRANKLIN, NH	TRANSMISSION LINE:	
MILE NO:	SHEET 5 OF 19	
NPPT505-C102		
REVISION: XXX		

THE NORTHERN PASS
Transmission Business

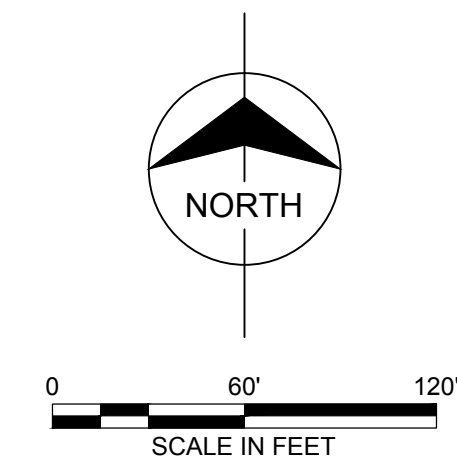
FRANKLIN STATION
EROSION AND SEDIMENTATION
CONTROL PLAN



LEGEND:



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1	ISSUED FOR PERMITTING	10/1/15	KRB	BSS	JJS
2	REVISION	DATE	DRWN	CHKD	APPRV.
3					
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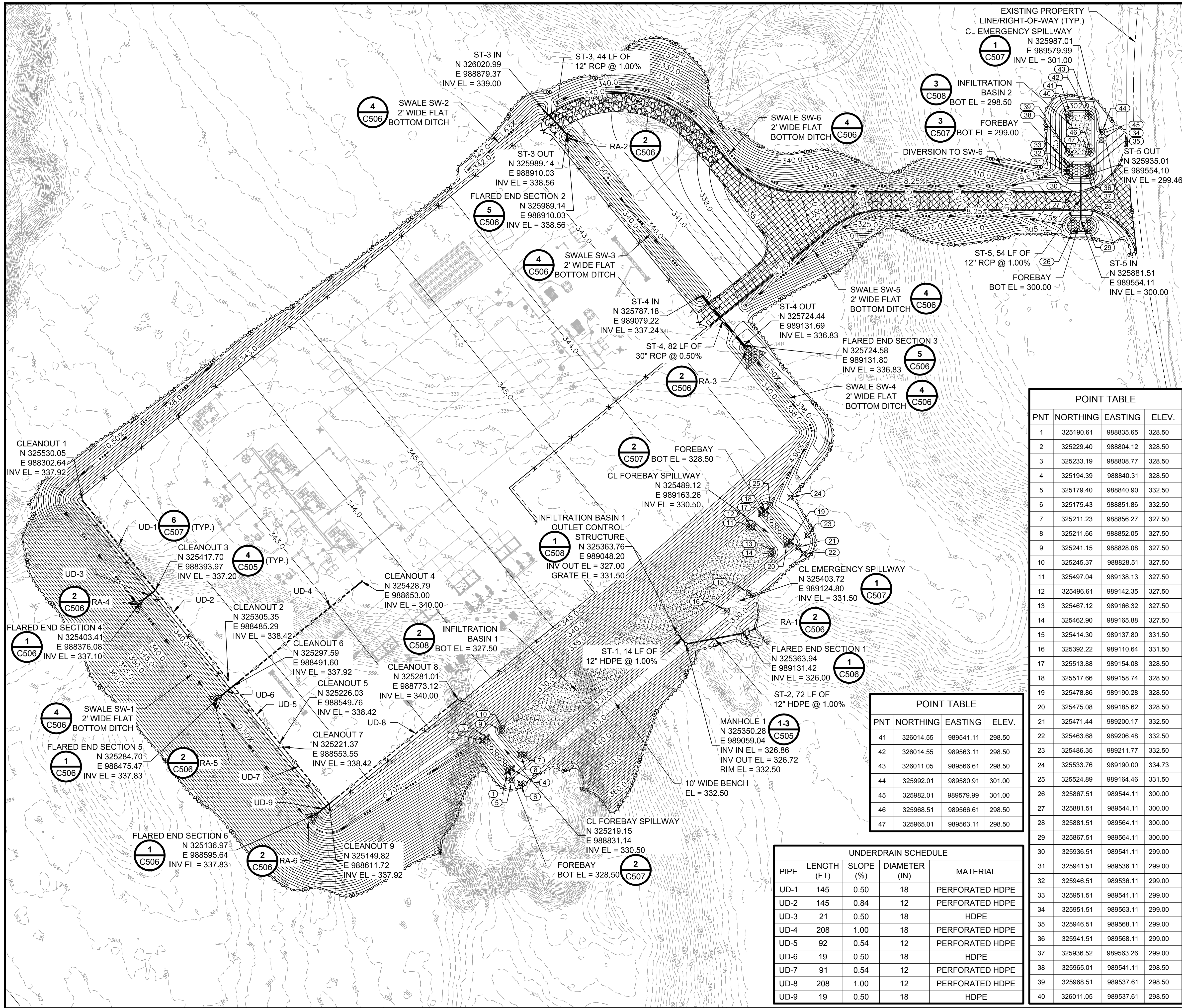
Transmission
Business

FRANKLIN STATION
PLANTING PLAN

DES: RLR	CHK:JJS
DRW: KRB	APR: BSS
TOWN:	

MILE NO:
SHEET 6 OF 19

NF 17500-0103



- CONSTRUCTION GENERAL PERMIT:
- THE OWNER, IN CONJUNCTION WITH THE CONTRACTOR (OPERATORS), NEEDS TO OBTAIN A CONSTRUCTION GENERAL PERMIT (CGP) FOR LARGE CONSTRUCTION ACTIVITIES (FIVE OR MORE ACRES) OR SMALL CONSTRUCTION ACTIVITIES (GREATER THAN ONE ACRE BUT LESS THAN FIVE ACRES) FROM THE ENVIRONMENTAL PROTECTION AGENCY (EPA) AS PART OF THE CGP, A STORMWATER NOTICE OF INTENT (NOI) WILL NEED TO BE SUBMITTED TO THE EPA AT LEAST 7 DAYS PRIOR TO COMMENCING CONSTRUCTION. THE NOI WILL NEED TO BE SUBMITTED TO STORMWATER NOTICE OF INTENT(4203M) USEPA, 1200 PENNSYLVANIA AVE. NW. WASHINGTON, DC 20460.
 - THE CGP OUTLINES A SET OF PROVISIONS MANDATING THE OWNER AND CONTRACTOR TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER REGULATIONS, INCLUDING, BUT NOT LIMITED TO, STORMWATER POLLUTION PREVENTION PLANS (SWPPP'S) IMPLEMENTATION OF EROSION AND SEDIMENTATION CONTROLS, EQUIPMENT MAINTENANCE GUIDELINES, ETC. PLEASE CONTACT USEPA OFFICE OF WASTEWATER MANAGEMENT AT 202-564-9545 OR AT WWW.EPA.GOV/NPDES/STORMWATER FOR ADDITIONAL INFORMATION. IN ADDITION ONE CAN CONTACT ABBY SWAIN OF NEW ENGLAND'S EPA REGION 1 AT 617-918-1841.

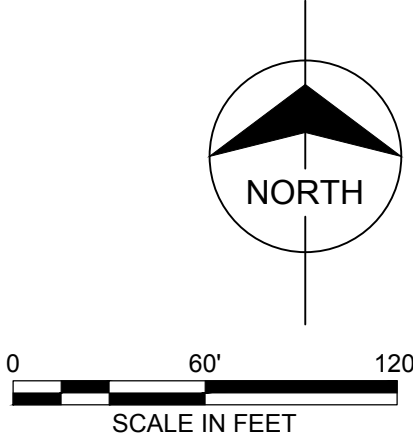
- STORMWATER SYSTEM PLAN NOTES:
- REFER TO SHEET NPTT502-G001 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.
 - THIS DRAWING IS INTENDED TO DESCRIBE THE STORMWATER SYSTEM ONLY.
 - NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM
HORIZONTAL DATUM - NAD83
VERTICAL DATUM - NAVD88
 - STORM DRAINAGE SYSTEM CONNECTIONS, MATERIALS, AND METHODS SHALL BE IN ACCORDANCE WITH THE NH DOT STANDARDS AND NH DOT SPECIFICATION SECTIONS 603 AND 604, AS WELL AS OTHER APPLICABLE INDUSTRY CODES AND GOVERNING AGENCY REQUIREMENTS.

- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES BY VARIOUS MEANS PRIOR TO BEGINNING ANY EXCAVATION. TEST PITS SHALL BE DUG AT ALL LOCATIONS WHERE PROPOSED STORM PIPING WILL CROSS EXISTING UTILITIES, AND THE HORIZONTAL AND VERTICAL LOCATIONS OF THE UTILITIES SHALL BE DETERMINED. THE CONTRACTOR SHALL CONTACT THE ENGINEER IN THE EVENT OF ANY DISCOVERED OR UNFORESEEN CONFLICTS BETWEEN EXISTING AND PROPOSED SANITARY SEWERS, STORM PIPING AND UTILITIES SO THAT AN APPROPRIATE MODIFICATION MAY BE MADE.
- MANHOLE RIMS AND OUTLET CONTROL STRUCTURE GRATES SHALL BE SET TO ELEVATIONS SHOWN. SET ALL EXISTING MANHOLE RIMS, GRATES AND OTHER UTILITY TOPS TO BE RAISED OR LOWERED FLUSH WITH FINAL GRADE AS NECESSARY.
- THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE WITH APPLICABLE REGULATORY AGENCIES FOR STORM DRAINAGE INSTALLATIONS AND CONNECTIONS.
- THE CONTRACTOR SHALL COORDINATE WORK TO BE PERFORMED BY THE VARIOUS UTILITY PROVIDERS AND SHALL PAY ALL FEES FOR CONNECTIONS, DISCONNECTIONS, RELOCATIONS, INSPECTIONS, AND DEMOLITION UNLESS OTHERWISE STATED IN THE PROJECT SPECIFICATIONS MANUAL AND/OR GENERAL CONDITIONS OF THE CONTRACT.
- ALL PIPES SHALL BE LAID ON STRAIGHT ALIGNMENTS AND EVEN GRADES USING A PIPE LASER OR OTHER ACCURATE METHOD.
- ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION FOR APPROVAL PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE APPROPRIATE OWNER, UTILITY PROVIDER, AND APPLICABLE REGULATORY AGENCY REQUIREMENTS.
- A ONE-FOOT MINIMUM VERTICAL CLEARANCE BETWEEN ELECTRICAL AND TELEPHONE LINES TO STORM PIPING SHALL BE PROVIDED.
- SITE CONTRACTOR SHALL PROVIDE ALL BENDS, FITTINGS, ADAPTERS, ETC., AS REQUIRED FOR PIPE CONNECTIONS.
- THE CONTRACTOR SHALL MAINTAIN ALL FLOWS AND UTILITY CONNECTIONS WITHOUT INTERRUPTION UNLESS/UNTIL AUTHORIZED BY THE OWNER, THE ENGINEER, UTILITY PROVIDERS AND GOVERNING AUTHORITIES.
- STORM DRAINAGE SHALL BE RATED FOR HS-20 LOADING.
- LAY UNDERDRAINS BELOW CABLE TRENCH AS SPECIFIED. PROVIDE A MINIMUM 0.5% SLOPE ON ALL UNDERDRAINS. ADDITIONAL UNDERDRAINS MAY BE REQUIRED AS DEEMED NECESSARY BY THE OWNER, GEOTECHNICAL ENGINEER AND/OR ENGINEER BASED ON FINDINGS AFTER EARTHWORK AND EXCAVATION OPERATIONS COMMENCE. PROVIDE CLEANOUTS AT A MINIMUM OF EVERY 200' OF PIPE OR ONE CLEANOUT PER PIPE RUN WHERE THE PIPE RUN IN LESS THAN 200'.

POINT TABLE			
PNT	NORTHING	EASTING	ELEV.
1	325190.61	988835.65	328.50
2	325229.40	988804.12	328.50
3	325233.19	988808.77	328.50
4	325194.39	988840.31	328.50
5	325179.40	988840.90	332.50
6	325175.43	988851.86	332.50
7	325211.23	988856.27	327.50
8	325211.66	988852.05	327.50
9	325241.15	988828.08	327.50
10	325245.37	988828.51	327.50
11	325497.04	989138.13	327.50
12	325496.61	989142.35	327.50
13	325467.12	989166.32	327.50
14	325462.90	989165.88	327.50
15	325414.30	989137.80	331.50
16	325392.22	989110.64	331.50
17	325513.88	989154.08	328.50
18	325517.66	989158.74	328.50
19	325478.86	989190.28	328.50
20	325475.08	989185.62	328.50
21	325471.44	989200.17	332.50
22	325463.68	989206.48	332.50
23	325486.35	989211.77	332.50
24	325533.76	989190.00	334.73
25	325524.89	989164.46	331.50
26	325867.51	989544.11	300.00
27	325881.51	989544.11	300.00
28	325881.51	989564.11	300.00
29	325867.51	989564.11	300.00
30	325936.51	989541.11	299.00
31	325941.51	989536.11	299.00
32	325946.51	989536.11	299.00
33	325951.51	989541.11	299.00
34	325951.51	989563.11	299.00
35	325946.51	989568.11	299.00
36	325941.51	989568.11	299.00
37	325936.52	989563.26	299.00
38	325965.01	989541.11	298.50
39	325968.51	989537.61	298.50
40	326011.05	989537.61	298.50

POINT TABLE			
PNT	NORTHING	EASTING	ELEV.
41	326014.55	989541.11	298.50
42	326014.55	989563.11	298.50
43	326011.05	989566.61	298.50
44	325992.01	989580.91	301.00
45	325982.01	989579.99	301.00
46	325968.51	989566.61	298.50
47	325965.01	989563.11	298.50

UNDERDRAIN SCHEDULE				
PIPE	LENGTH (FT)	SLOPE (%)	DIAMETER (IN)	MATERIAL
UD-1	145	0.50	18	PERFORATED HDPE
UD-2	145	0.84	12	PERFORATED HDPE
UD-3	21	0.50	18	HDPE
UD-4	208	1.00	18	PERFORATED HDPE
UD-5	92	0.54	12	PERFORATED HDPE
UD-6	19	0.50	18	HDPE
UD-7	91	0.54	12	PERFORATED HDPE
UD-8	208	1.00	12	PERFORATED HDPE
UD-9	19	0.50	18	HDPE



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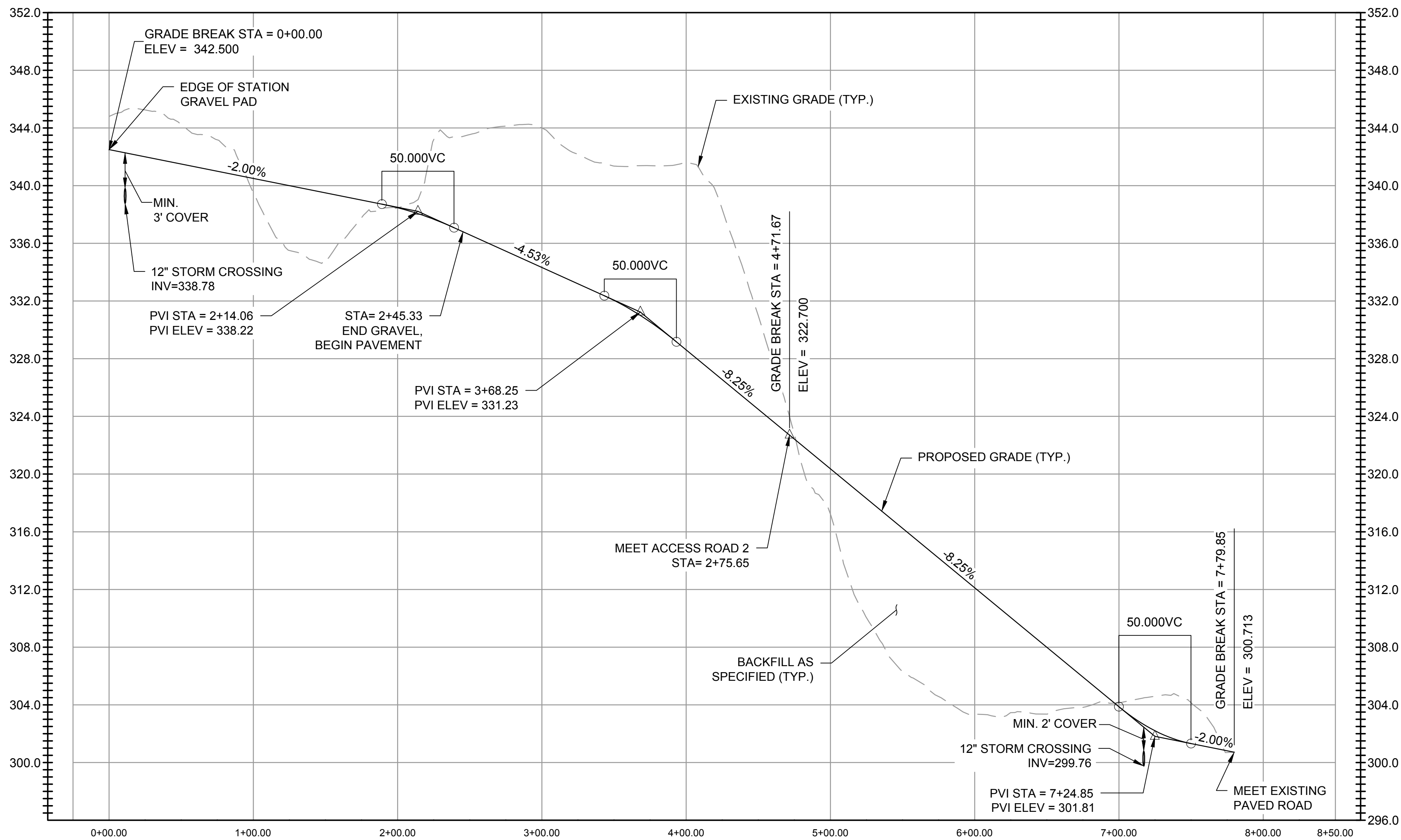
FRANKLIN STATION STORMWATER SYSTEM PLAN

DATE: 10/17/2015

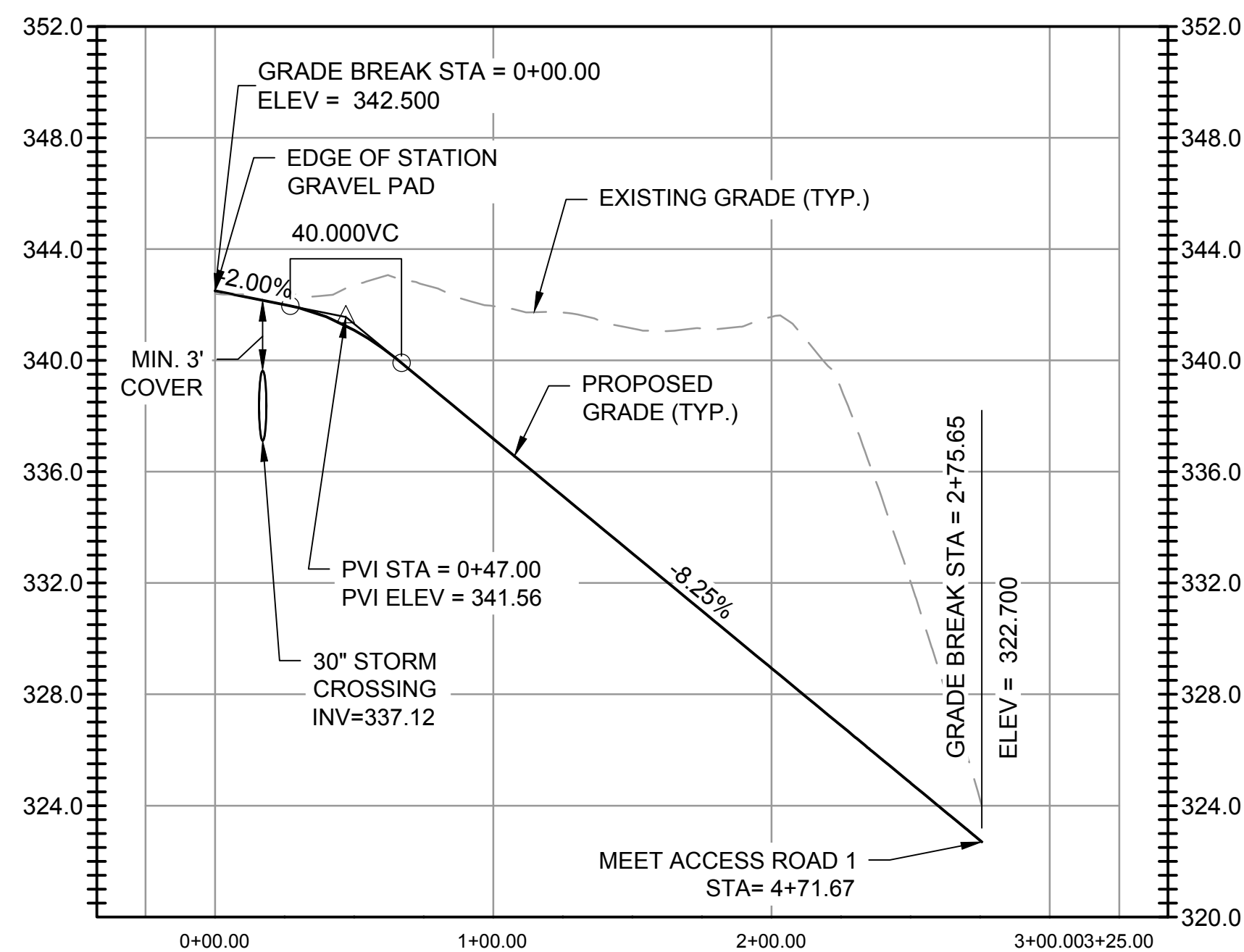
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REVISION: 11/10/2013

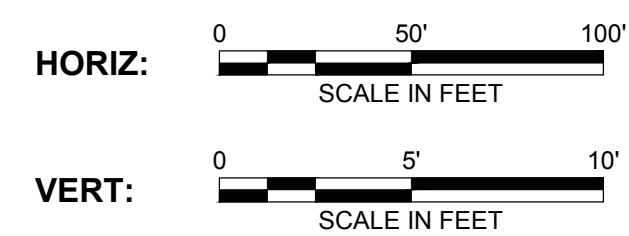
DES: RLR | CHK: JUS
DRW: KRB | APR: BSS
TOWN: FRANKLIN, NH
TRANSMISSION LINE:
MILE NO:
SHEET 7 OF 19
NPTT502-C104



ACCESS ROAD 1 PROFILE



ACCESS ROAD 2 PROFILE



ACCESS ROAD PROFILE NOTES:

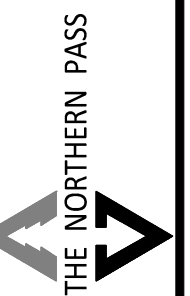
1. REFER TO SHEET NPTT502-G001 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.
2. THIS DRAWING IS INTENDED TO DESCRIBE THE STATION ACCESS ROAD GEOMETRY ONLY.
3. NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM
HORIZONTAL DATUM - NAD83
VERTICAL DATUM - NAVD88
4. PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATED REFER TO TOP OF FINISH SURFACE.



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1	10/7/15		KRB	BSS	JUS



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Business

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FRANKLIN STATION
ACCESS ROAD PROFILES

DES: RLB | CHK: JUS
DRW: KRB | APR: BSS

TOWN:
FRANKLIN, NH

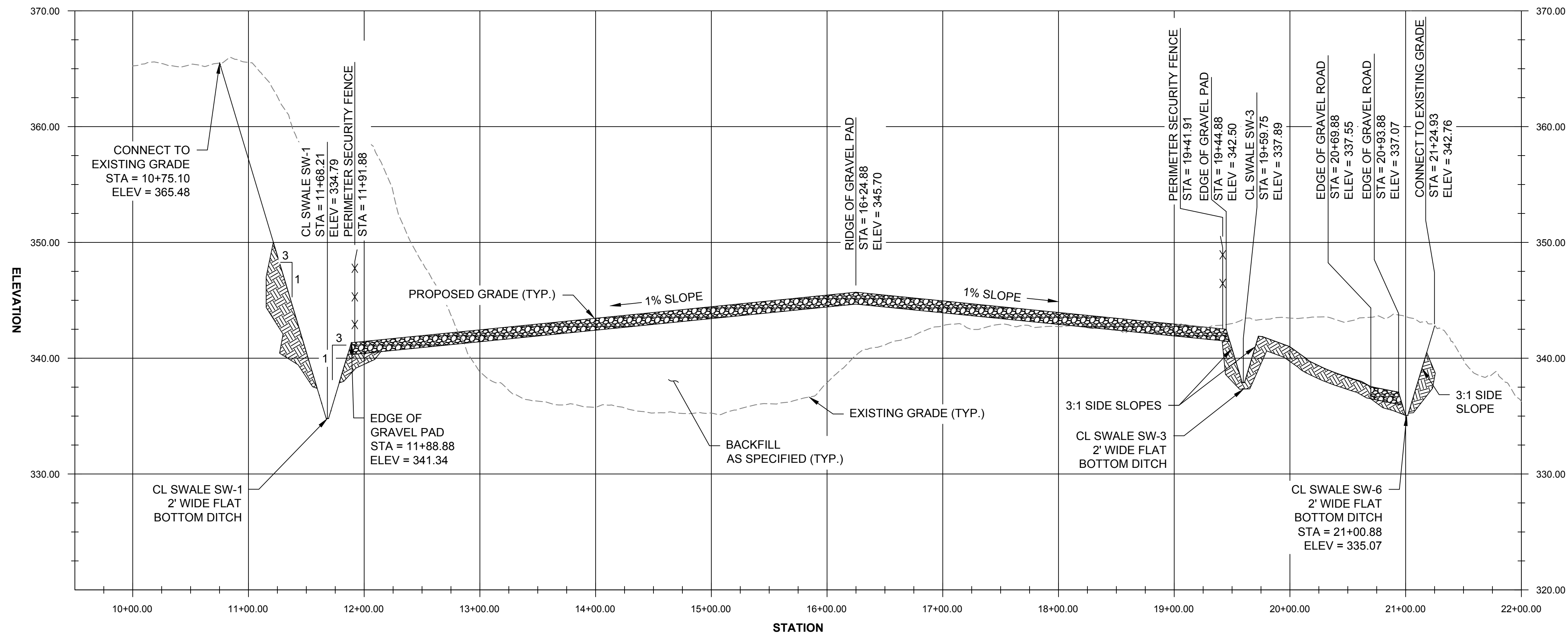
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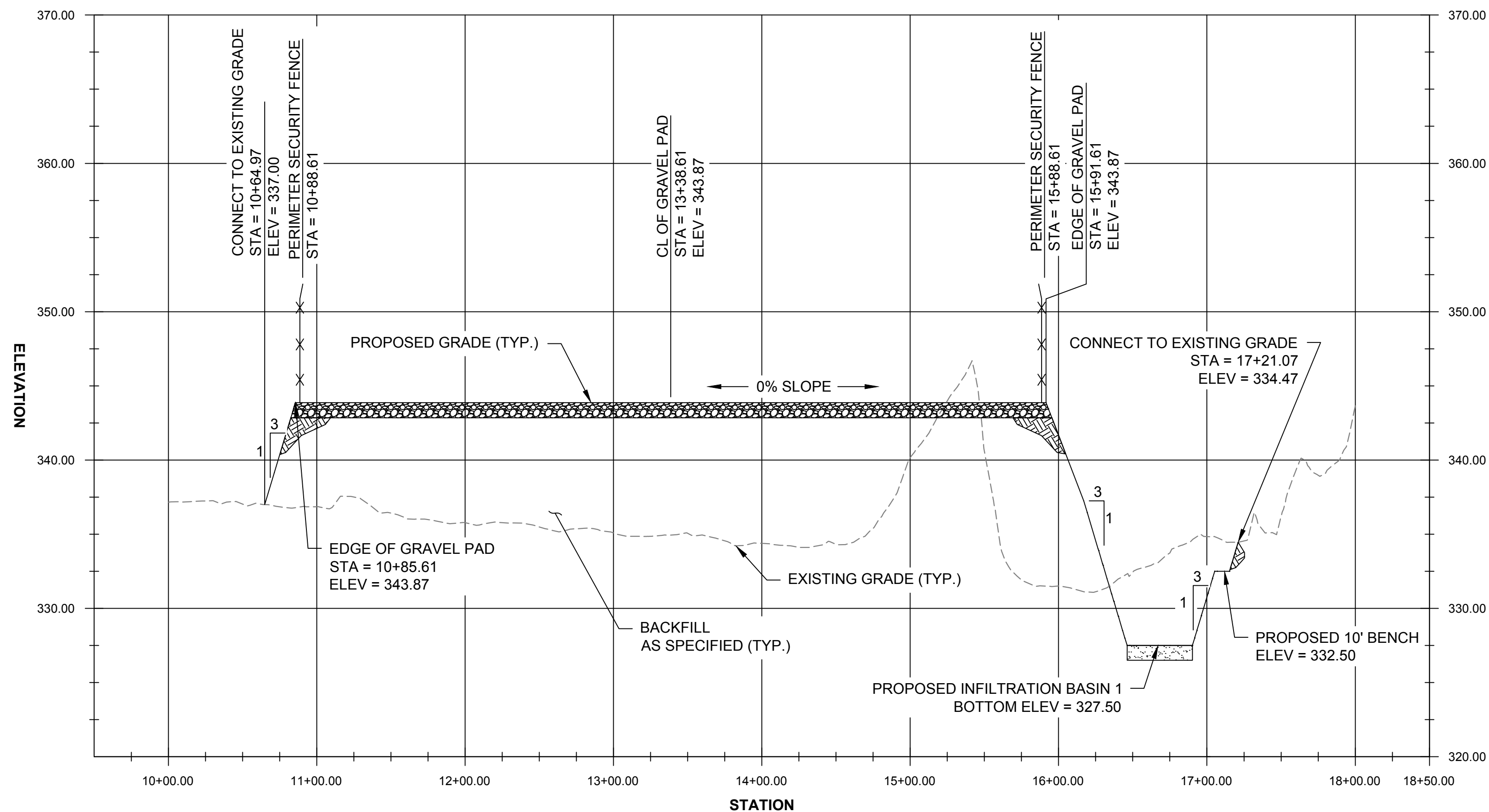
SHEET 8 OF 19

NPTT508-C200

REVISION: 11/15/2013

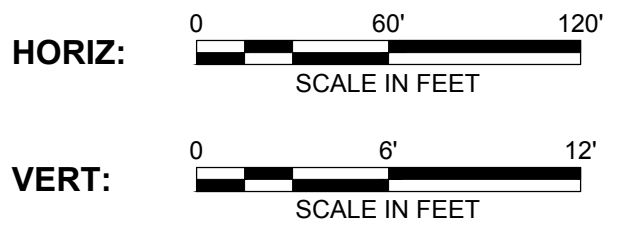


SECTION A-A
A
C101



SECTION B-B
B
C101

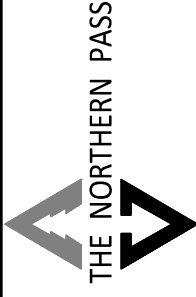
- GRADING CROSS SECTION NOTES:
1. REFER TO SHEET NPTT502-G001 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.
 2. THIS DRAWING IS INTENDED TO DESCRIBE THE GRADING CROSS SECTIONS ONLY.
 3. NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM:
HORIZONTAL DATUM - NAD83
VERTICAL DATUM - NAVD88
 4. PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATED REFER TO TOP OF FINISH SURFACE.
 5. CONTRACTOR SHALL PLACE 4" TOPSOIL AND SEED ON ALL CUT AND FILL SLOPES AS SPECIFIED UNLESS ANOTHER SURFACE MATERIAL IS INDICATED.
 6. EARTHWORK AND COMPACTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL ENGINEERING RECOMMENDATIONS REPORT BY OTHERS.
 7. STRIP AND STOCKPILE EXISTING TOPSOIL IN AREAS OF PROPOSED GRADING AND EARTHWORK.



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1	10/7/15	DATE	ISSUED FOR PERMITTING	1	10/7/15	DATE	ISSUED FOR PERMITTING
1	10/7/15	DATE	ISSUED FOR PERMITTING	1	10/7/15	DATE	ISSUED FOR PERMITTING
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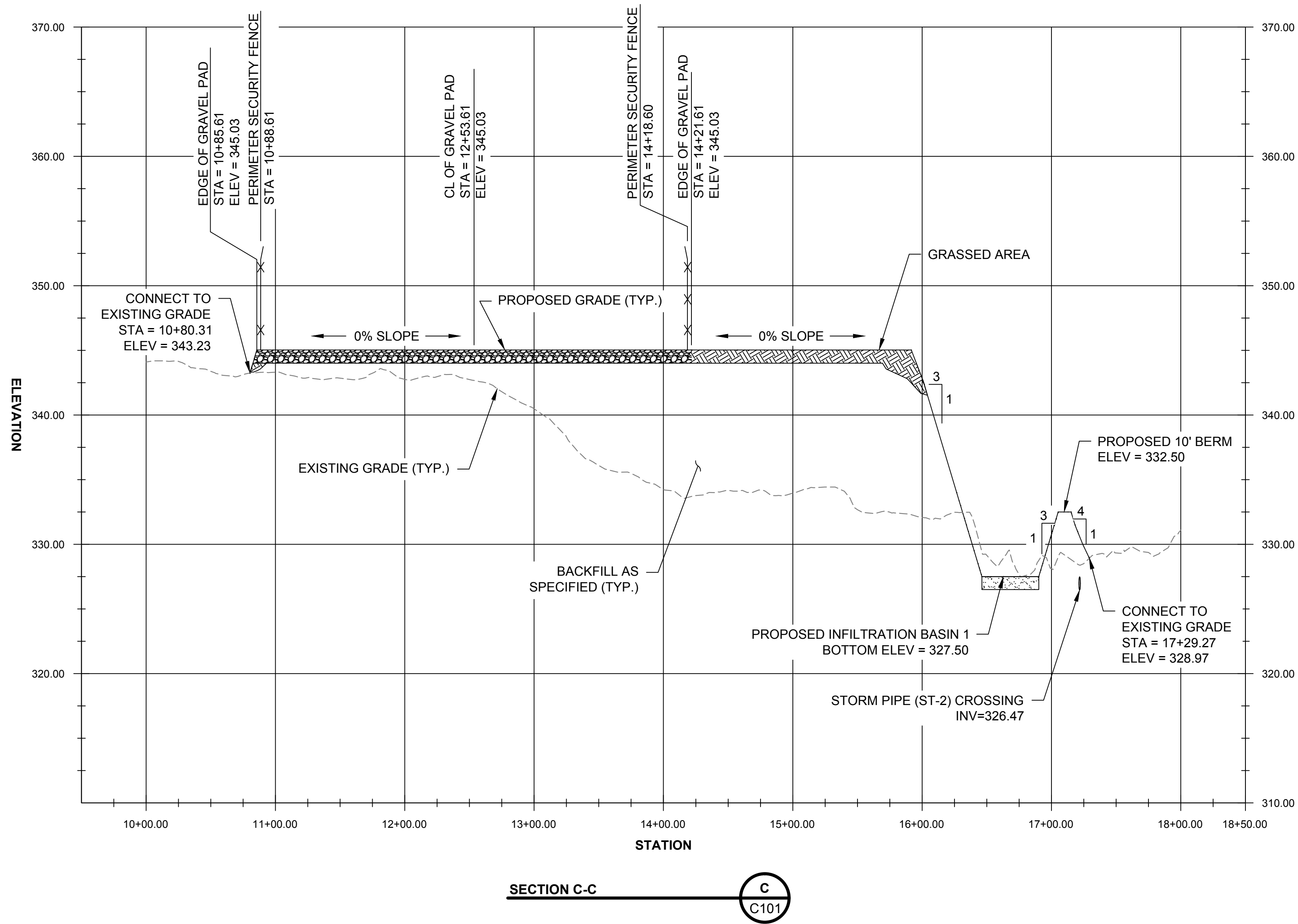


Transmission
Business

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FRANKLIN STATION
SITE CROSS SECTIONS

DES: RLB | CHK: JLS
TOWN: FRANKLIN, NH
TRANSMISSION LINE:
MILE NO:
SHEET 9 OF 19
NPTT509-C300
REVISION: 11/16/2013

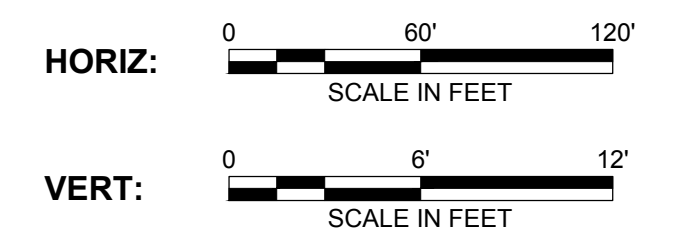


GRADING CROSS SECTION NOTES:

1. REFER TO SHEET NPTT502-G001 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND LEGENDS.
2. THIS DRAWING IS INTENDED TO DESCRIBE THE GRADING CROSS SECTIONS ONLY.
3. NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM:
HORIZONTAL DATUM - NAD83
VERTICAL DATUM - NAVD88
4. PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATED REFER TO TOP OF FINISH SURFACE.
5. CONTRACTOR SHALL PLACE 4" TOPSOIL AND SEED ON ALL CUT AND FILL SLOPES AS SPECIFIED UNLESS ANOTHER SURFACE MATERIAL IS INDICATED.
6. EARTHWORK AND COMPACTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL ENGINEERING RECOMMENDATIONS REPORT BY OTHERS.
7. STRIP AND STOCKPILE EXISTING TOPSOIL IN AREAS OF PROPOSED GRADING AND EARTHWORK.

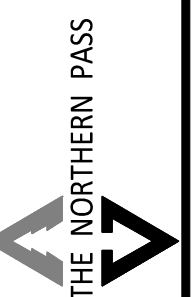


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1	ISSUED FOR PERMITTING		10/7/15	KRB	BSS	JUS



Transmission
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FRANKLIN STATION
SITE CROSS SECTIONS

DES: RLB | CHK: JUS
DRW: KRB | APR: BSS
TOWN: FRANKLIN, NH
TRANSMISSION LINE:

MILE NO:
SHEET 10 OF 19

NPTT510-C301

REVISION: 11/16/2013

1. THE SEDIMENT AND EROSION CONTROL PLAN IS ONLY INTENDED TO DESCRIBE THE SEDIMENT AND EROSION CONTROL TREATMENT FOR THIS SITE. SEE SEDIMENT AND EROSION CONTROL DETAILS AND CONSTRUCTION SEQUENCE. REFER TO SITE PLAN FOR GENERAL INFORMATION AND OTHER CONTRACT PLANS FOR APPROPRIATE INFORMATION.

4. THE SEDIMENT AND EROSION CONTROL PLAN WAS DEVELOPED TO HELP PROTECT THE EXISTING ROADWAY AND STORM DRAINAGE SYSTEMS, ADJACENT PROPERTIES, AND ADJACENT WETLAND AREA FROM SEDIMENT LADEN SURFACE RUNOFF AND EROSION.

6. THE CONTRACTOR SHALL INSTALL ALL SPECIFIED EROSION/SEDIMENT CONTROL MEASURES AND WILL BE REQUIRED TO MAINTAIN THEM IN THEIR INTENDED FUNCTIONING CONDITION AND BE IN STRICT CONFORMANCE WITH THE STANDARDS BELOW. THE CONTRACTOR SHALL SUPPLY AND MAINTAIN THESE STANDARDS AND HAVE THEM AVAILABLE ONSITE FOR THE DURATION OF CONSTRUCTION. THE OWNER, AGENTS OF THE REGULATORY AGENCIES AND/OR QUALIFIED PROFESSIONAL SHALL HAVE THE AUTHORITY TO REQUIRE SUPPLEMENTAL MAINTENANCE OR ADDITIONAL MEASURES IF FIELD CONDITIONS ARE ENCOUNTERED BEYOND WHAT WOULD NORMALLY BE ANTICIPATED.

7. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE CONTRACTOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.

9. STONE CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED AT START OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. THE LOCATION OF THE TRACKING PADS MAY CHANGE AS VARIOUS PHASES OF CONSTRUCTION ARE COMPLETED.

11. COMPLY WITH REQUIREMENTS OF THE EPA FOR NPDES AND RECORD KEEPING.

13. STOCKPILES OF EARTH MATERIALS SHALL CONFORM TO SOIL STOCKPILE PRACTICES IN SECTION 4.1 OF THE NH DES STORMWATER MANUAL VOLUME 3.

15. WATER SHALL BE USED FOR DUST CONTROL IN APPROPRIATE AREAS.

21. TEMPORARY AND PERMANENT SEEDING SHALL BE IN ACCORDANCE WITH THE PLANTING PLAN, NH DES STORMWATER MANUAL VOLUME 3, AND NH DOT STANDARD SPECIFICATIONS SECTION 644.

9. ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.

11. STANDARD WINTER NOTES:

- A. ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- B. ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- C. AFTER NOVEMBER 15, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3.

1. WINTER EXCAVATION AND EARTHWORK SHALL BE COMPLETED AS SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY ONE TIME.

2. AN AREA WITHIN 100 FEET OF A PROTECTED NATURAL RESOURCE SHALL BE PROTECTED WITH A DOUBLE ROW OF SEDIMENT BARRIER.

13. SEE THE VEGETATION MEASURES FOR MORE INFORMATION ON SEEDING DATES AND TYPES.

5. COMMENCE INSTALLATION OF STORM DRAINAGE SYSTEM.

7. CONSTRUCTION STAKING OF ALL FOUNDATION CORNERS, UTILITIES, ACCESS DRIVES, FENCES AND OTHER SITE APPURTENANCES.

8. ROUGH GRADING AND FILLING OF SUBGRADES AND SLOPES.

10. CONTINUE INSTALLATION OF STORM DRAINAGE AS SUBGRADE ELEVATIONS ARE ACHIEVED.

11. CONSTRUCT PAD SUBGRADE PREPARATION AND BEGIN FOUNDATION CONSTRUCTION.

12. THROUGHOUT CONSTRUCTION SEQUENCE, REMOVE SEDIMENT FROM BEHIND SILT FENCES, STRAW BALES AND OTHER EROSION CONTROL DEVICES, AND FROM SEDIMENT TRAPS AS REQUIRED. REMOVAL SHALL BE ON A PERIODIC BASIS (EVERY SIGNIFICANT RAINFALL OF 0.50 INCH OR GREATER). INSPECTION OF EROSION/SEDIMENT CONTROL MEASURES SHALL BE ON A WEEKLY BASIS AND AFTER EACH RAINFALL OF 0.50 INCHES OR GREATER. SEDIMENT COLLECTED SHALL BE DEPOSITED AND SPREAD EVENLY UPLAND ON SLOPES DURING CONSTRUCTION.

- ## 21. INSTALL ON-SITE SIGNAGE AND PAVEMENT MARKINGS

23. UPON DIRECTION OF THE OWNER, QUALIFIED PROFESSIONAL, AND REGULATORY AGENT, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED FOLLOWING STABILIZATION OF THE SITE.

2. ALL STOCKPILED TOPSOIL SHALL BE SEEDED, APPLY MULCH OR STRAW, AND ENCLOSED BY A SILTATION FENCE.

1. PRIOR TO FILLING, ALL SEDIMENTATION AND EROSION CONTROL DEVICES SHALL BE PROPERLY IMPLEMENTED, MAINTAINED AND FULLY INSTALLED, AS DIRECTED BY THE QUALIFIED PROFESSIONAL AND AS SHOWN ON THIS PLAN.

1. SILT FENCES SHALL BE INSTALLED AT THE DOWNHILL SIDES OF EXCAVATIONS, MUD PUMP DISCHARGES, AND UTILITY TRENCH MATERIAL STOCKPILES. STRAW BALES MAY BE USED IF SHOWN ON THE EROSION CONTROL PLANS OR IF DIRECTED BY THE QUALIFIED PROFESSIONAL.

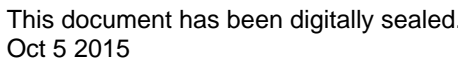
1. ALL INLET AND OUTLET PROTECTION SHALL BE PLACED AND MAINTAINED AS SHOWN ON EROSION CONTROL PLANS AND DETAILS, AND AS DESCRIBED IN SPECIFICATIONS AND AS DESCRIBED HEREIN.

2. NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY ROCK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS, JUTE MESH AND VEGETATION. ALL SLOPES SHALL BE SEEDED, AND ANY ROAD OR DRIVEWAY SHOULDER AND BANKS SHALL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS ESTABLISHED.

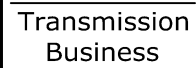
3. PAVEMENT SUB-BASE AND BASE COURSES SHALL BE INSTALLED OVER AREAS TO BE PAVED AS SOON AS FINAL SUB-GRADES ARE ESTABLISHED AND UNDERGROUND UTILITIES AND STORM DRAINAGE SYSTEMS HAVE BEEN INSTALLED.
4. AFTER CONSTRUCTION OF PAVEMENT, TOPSOIL, FINAL SEED, MULCH AND LANDSCAPING, REMOVE ALL TEMPORARY EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE BEEN PAVED AND/OR GRASS HAS BEEN WELL ESTABLISHED AND THE SITE HAS BEEN INSPECTED AND APPROVED BY THE OWNER AND THE APPLICABLE REGULATORY AGENCIES.

5. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM OF 85% UNIFORM PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING OR OTHER MOVEMENTS.

6. MAINTAIN ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL DEVICES IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK SWEEP PARKING LOT AND REMOVE ALL TEMPORARY SEDIMENT CONTROLS WHEN AUTHORIZED BY LOCAL GOVERNING AUTHORITY. FILE NOT (NOTICE OF TERMINATION) WITH GOVERNING AUTHORITY RESPONSIBLE FOR REGULATING STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES PER NPDES.



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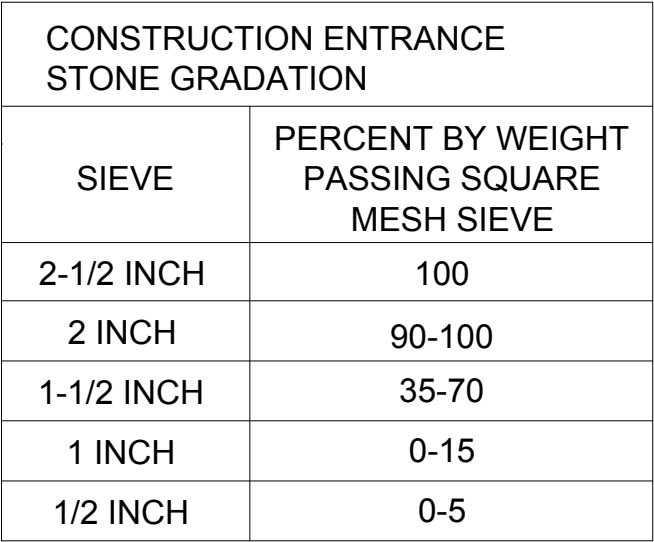
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FRANKLIN STATION
EROSION AND SEDIMENTATION
CONTROL NOTES

DES: RLR	CHK: JJS
DRW: KRB	APR: BSS

MILE NO:

SHEET 11 OF 19



1. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE SURFACE.
2. WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
3. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
4. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
5. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN STORM EVENT.

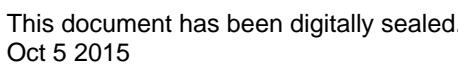


1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER- LAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

PREFABRICATED GEOFAB, ENVIROFENCE,
UNIT: OR APPROVED EQUAL.



1. ALL SLOPES 3:1 AND STEEPER SHALL RECEIVE EROSION CONTROL BLANKET.
2. SEED AND SOIL AMENDMENTS SHALL BE APPLIED ACCORDING TO THE RATES IN THE PLAN DRAWINGS PRIOR TO INSTALLING THE BLANKET.
3. PROVIDE ANCHOR TRENCH AT TOE OF SLOPE IN SIMILAR FASHION AS AT TOP OF SLOPE.
4. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS, AND GRASS.
5. BLANKET SHALL HAVE GOOD CONTINUOUS CONTACT WITH UNDERLYING SOIL THROUGHOUT ENTIRE LENGTH. LAY BLANKET LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH SOIL. DO NOT STRETCH BLANKET.
6. THE BLANKET SHALL BE STAPLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
7. BLANKETED AREAS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT UNTIL PERENNIAL VEGETATION IS ESTABLISHED TO A MINIMUM UNIFORM 70% COVERAGE THROUGHOUT THE BLANKETED AREA. DAMAGED OR DISPLACED BLANKETS SHALL BE RESTORED OR REPLACED WITHIN 4 CALENDAR DAYS.



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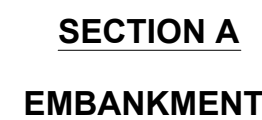
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FRANKLIN STATION EROSION AND SEDIMENTATION CONTROL DETAILS					
DES: RLR CHK: AUS DRW: KRB APR: BSS		SCALE: AS NOTED		DATE: 10/17/2015	
TOWN: FRANKLIN, NH TRANSMISSION LINE:					
MILE NO.:					
SHEET 12 OF 19					
NPT512-C501					



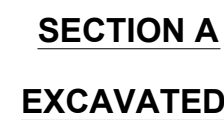
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STONE OUTLET SEDIMENT TRAP **2**
NOT TO SCALE C102



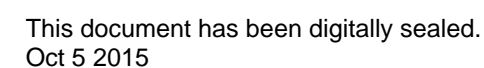
EARTH OUTLET SEDIMENT TRAP **4**
NOT TO SCALE C102




PIPE OUTLET SEDIMENT TRAP **5**
NOT TO SCALE C102

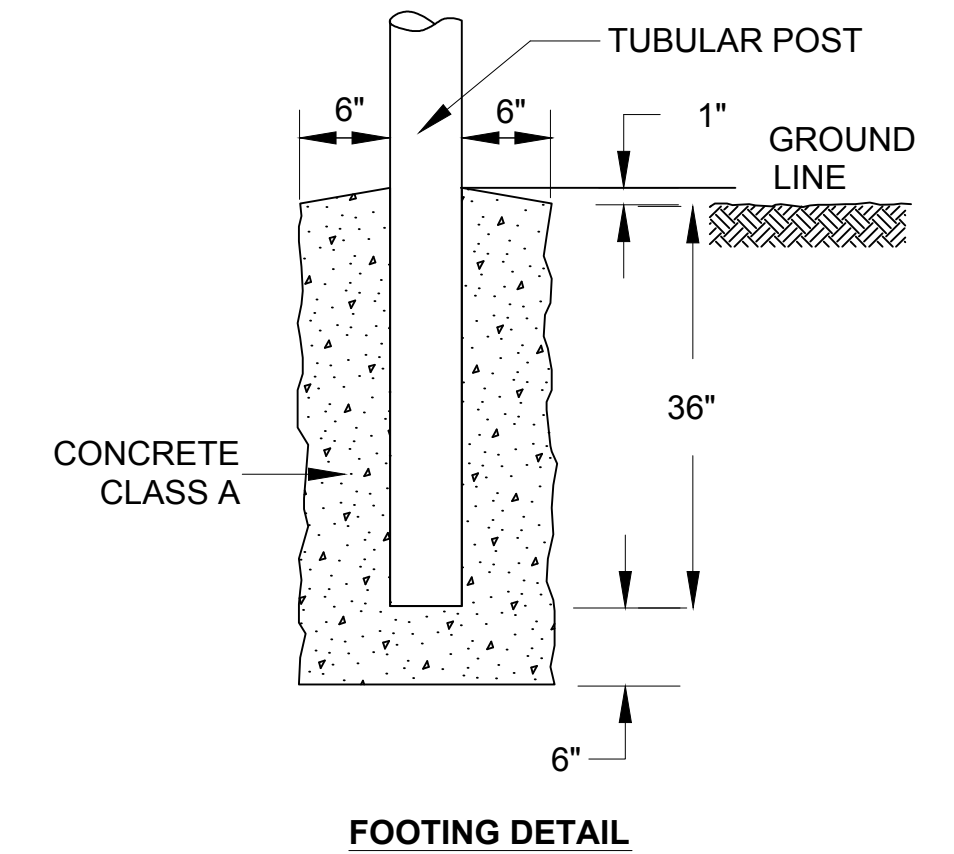


TYPICAL SEDIMENT BASIN
NOT TO SCALE

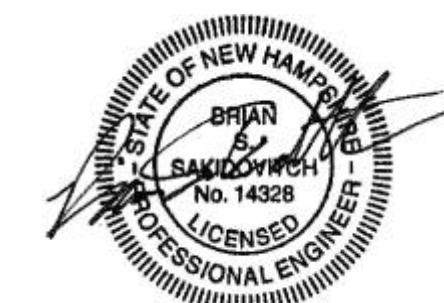
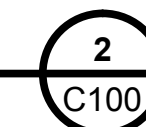
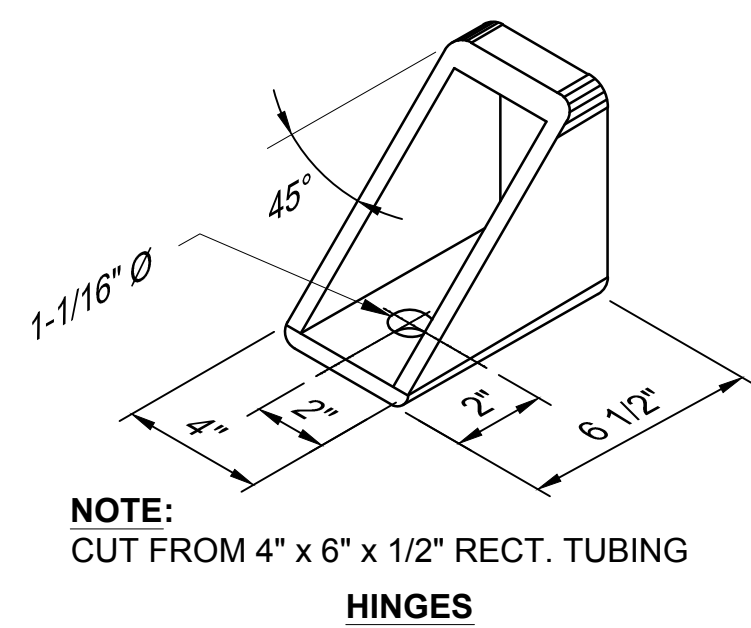


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TRANSMISSION BUSINESS  THE NORTHERN PASS		#	
FRANKLIN STATION EROSION AND SEDIMENTATION CONTROL DETAILS		DATE: 10/7/2015	
SCALE: AS NOTED		DATE: 10/7/2015	
S: RLR HW: KRB TRANSMISSION LINE:	CHK: JUS APR: BSS	DATE: 10/7/2015 CHK: DRWN APR:	

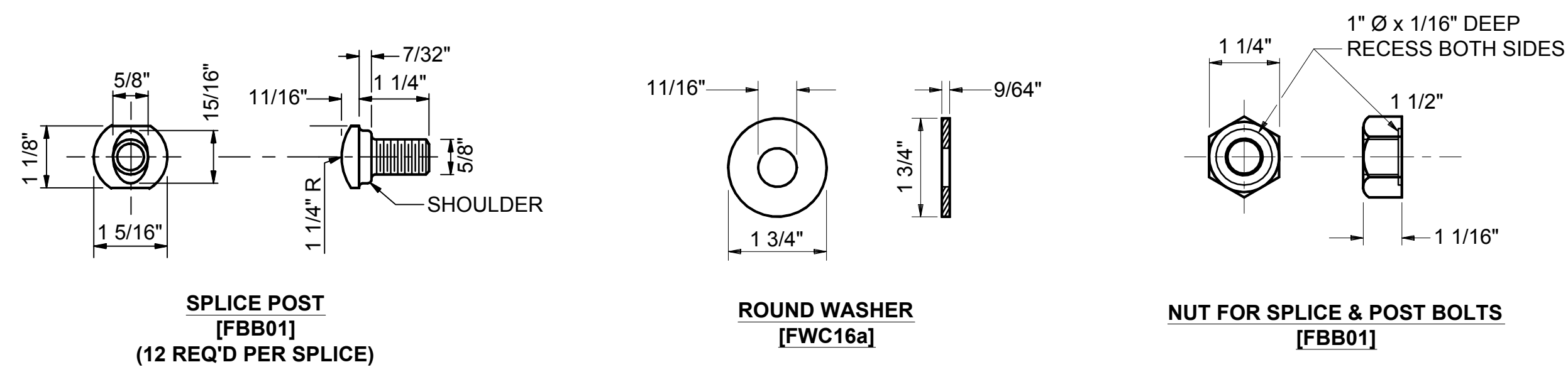
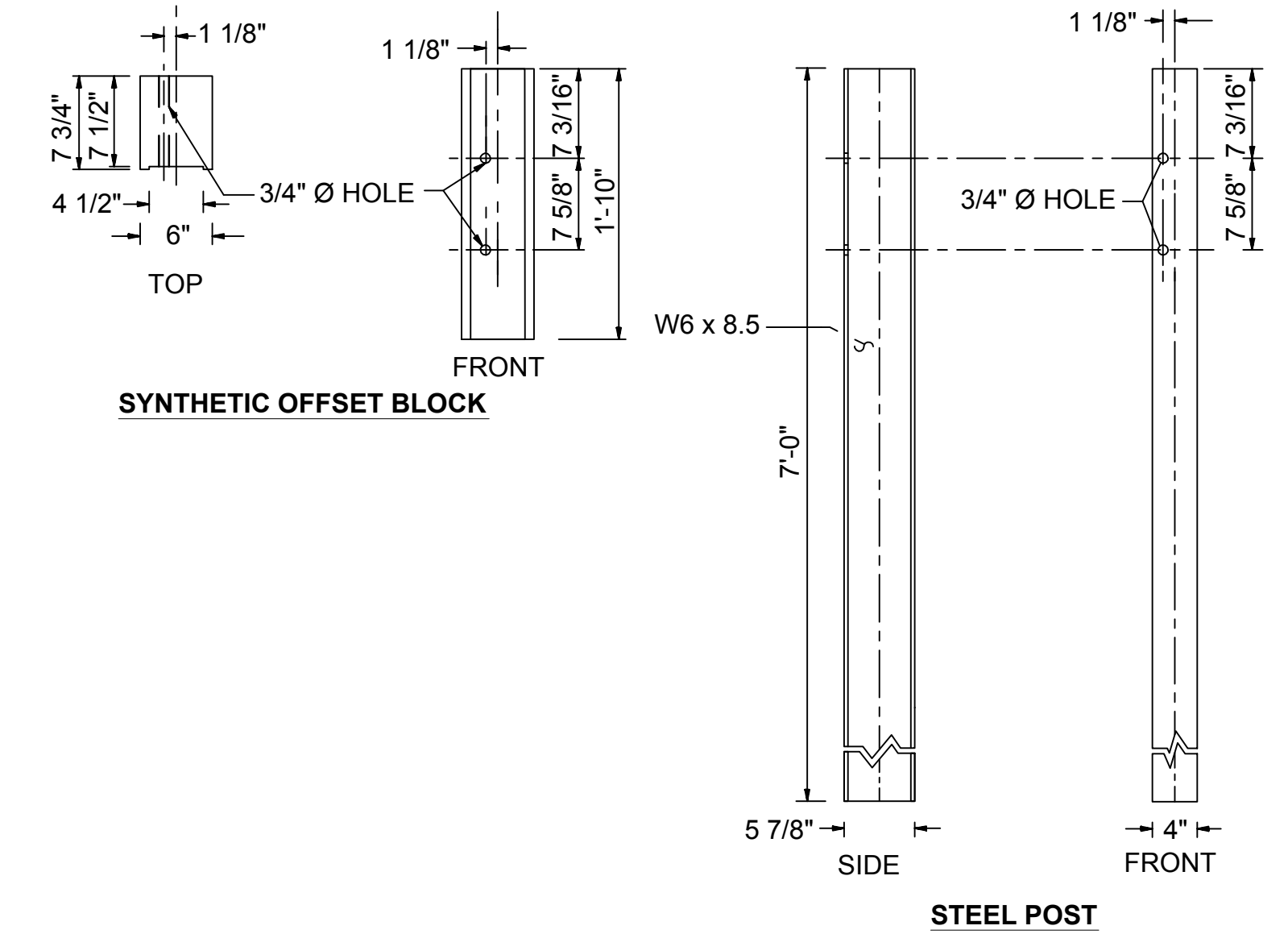
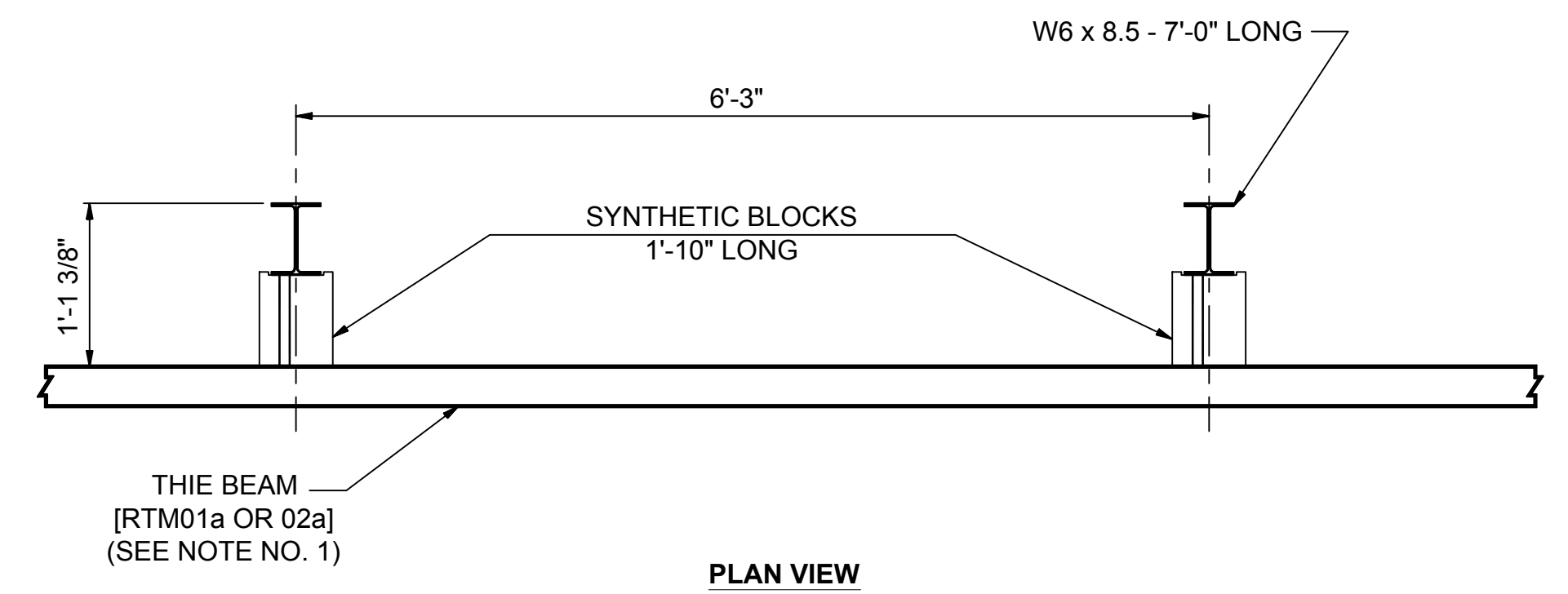
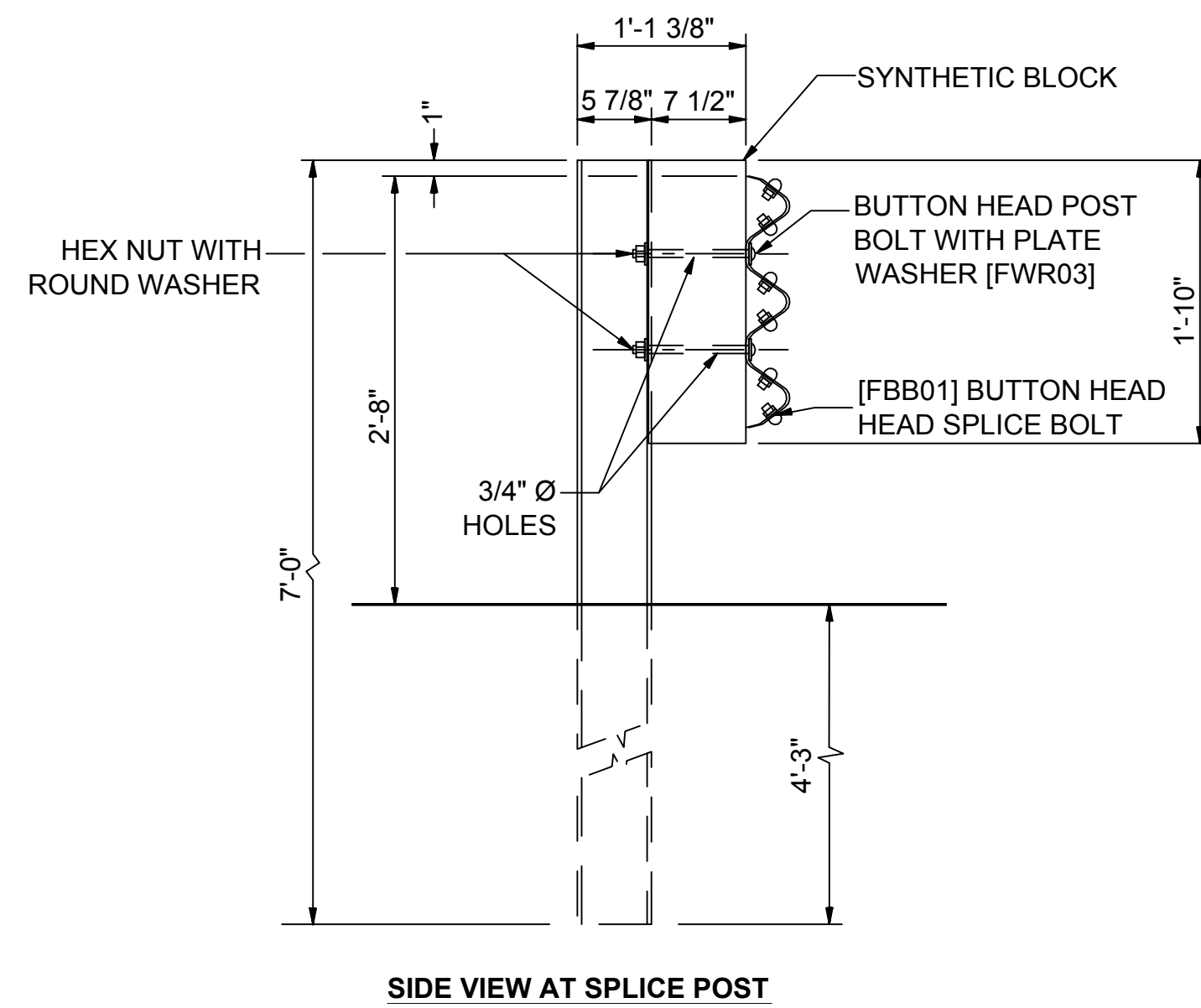
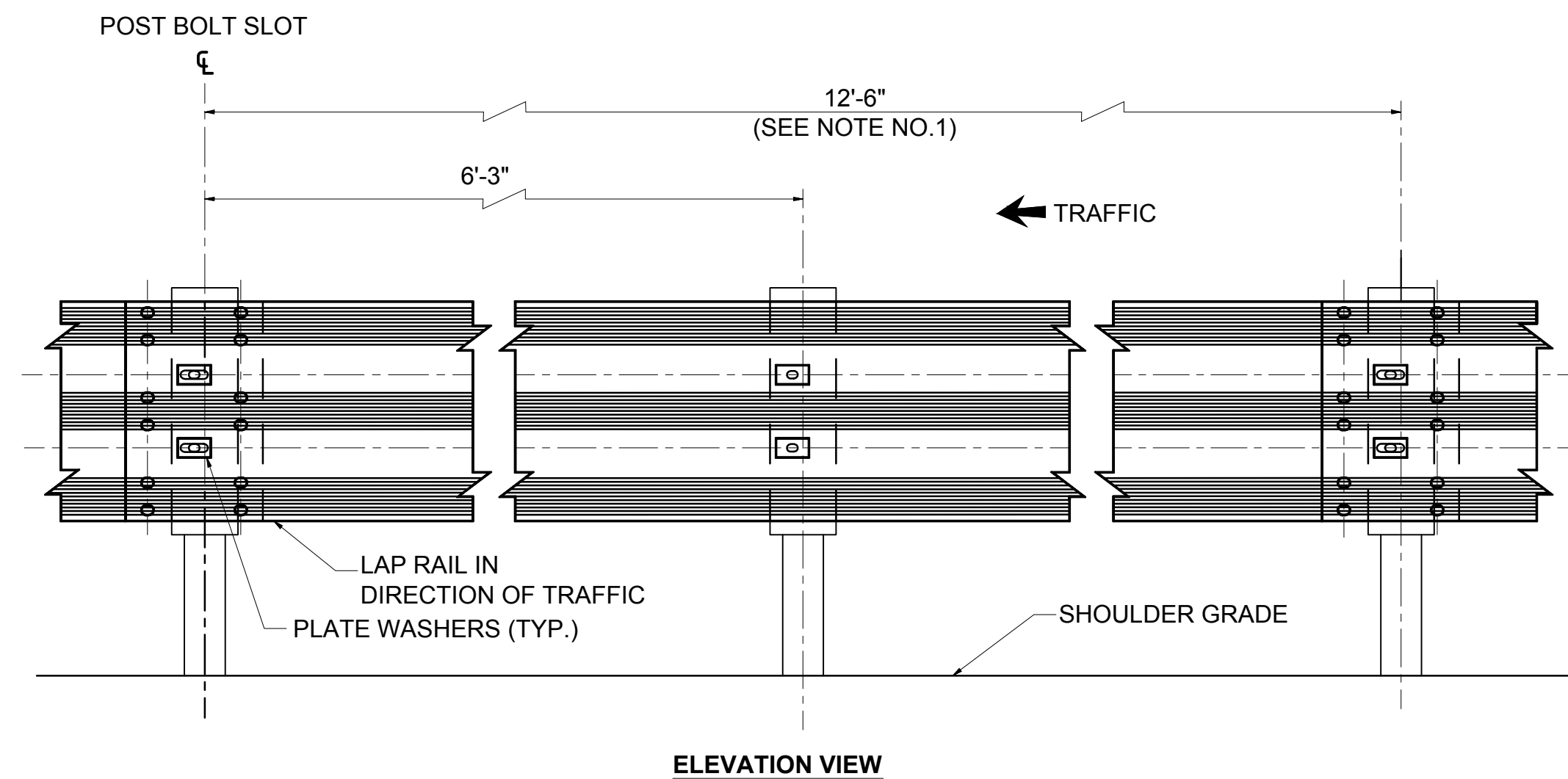


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C100



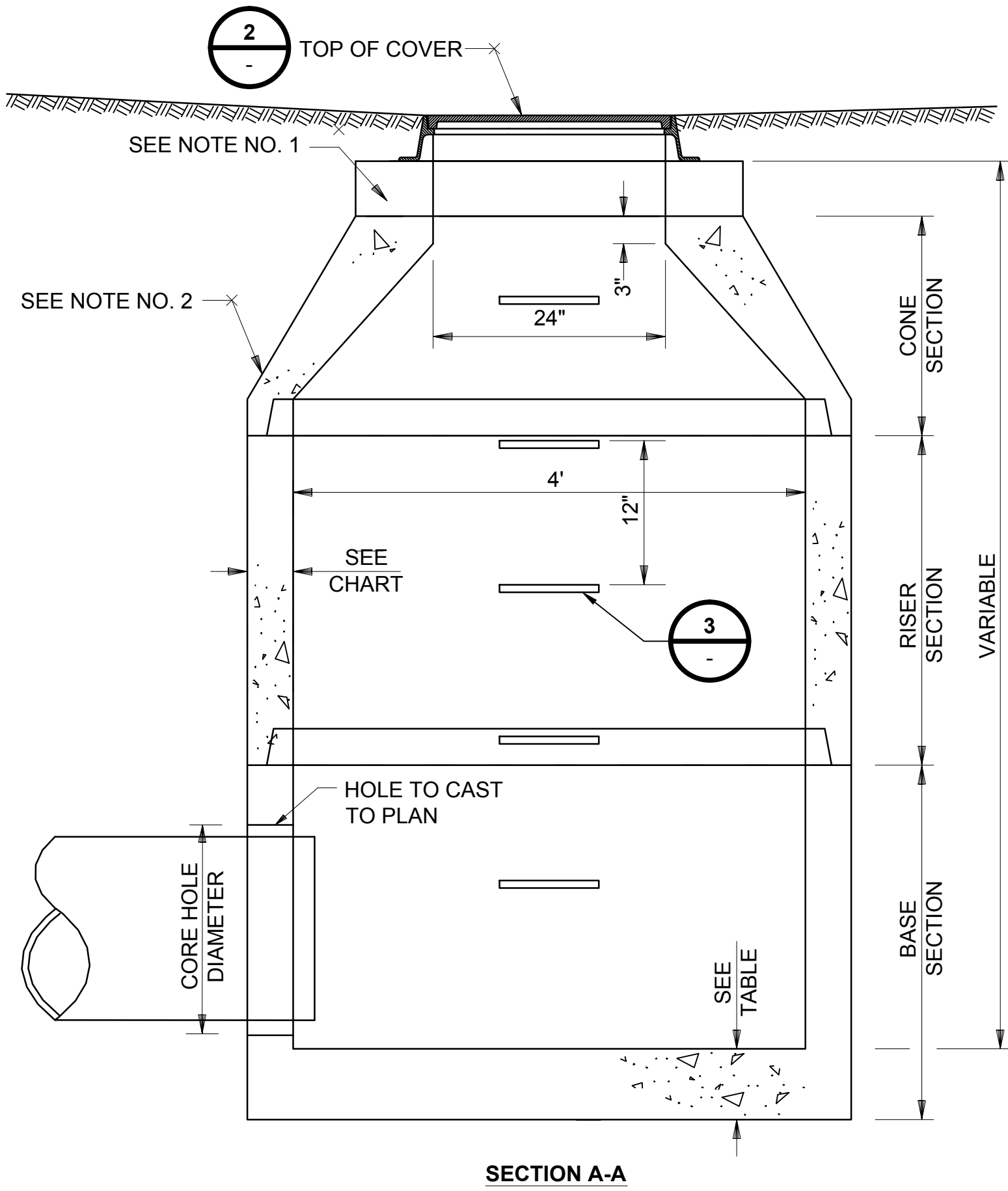
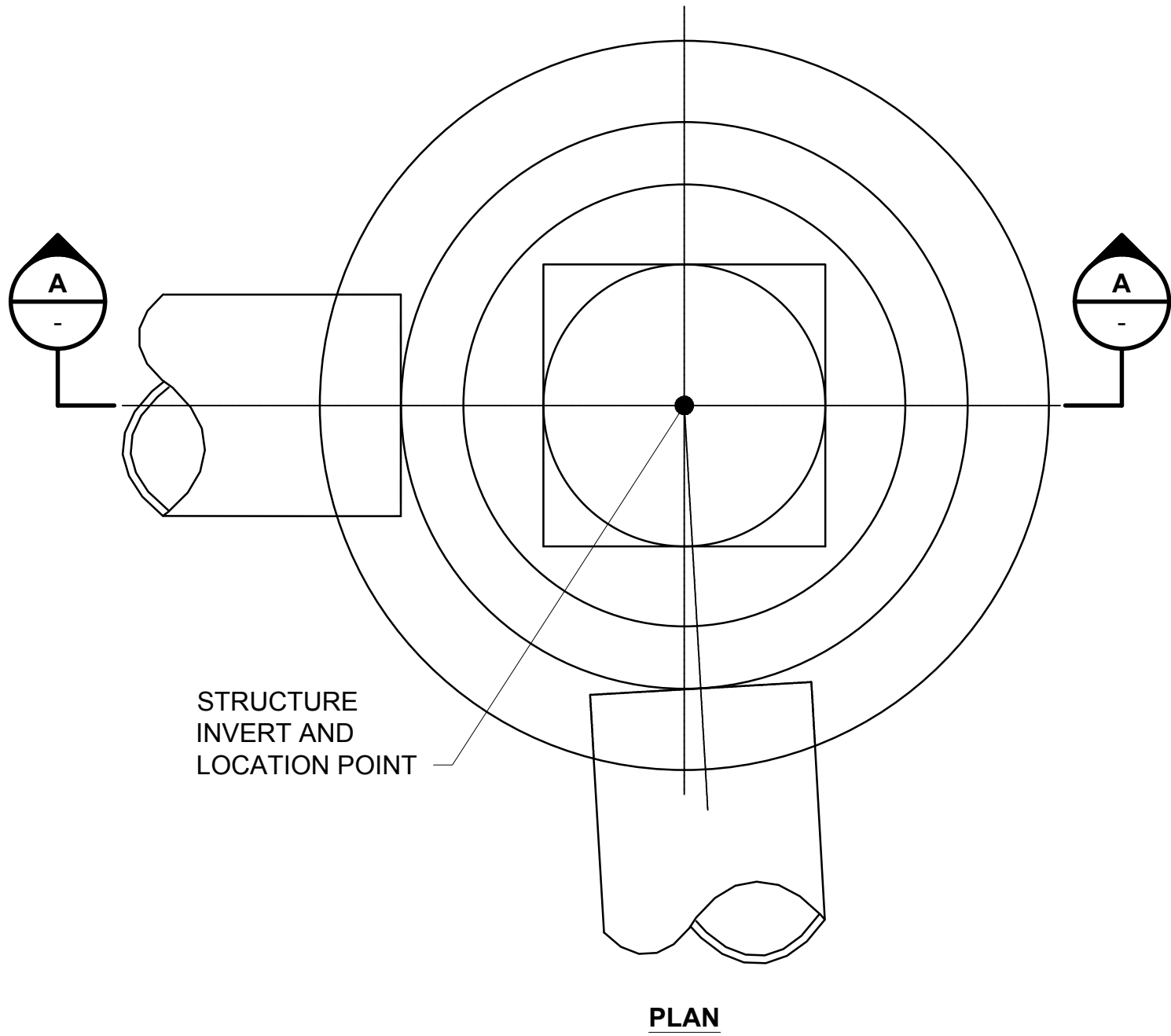
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		TRANSMISSION BUSINESS		#	
FRANKLIN STATION CONSTRUCTION DETAILS		SCALE: AS NOTED		DATE: 10/7/2015	
S: RLR CHK: JUS DW: KRB APR: BSS		TOWN: FRANKLIN, NH		TRANSMISSION LINE:	
SHEET NO:		SHEET 14 OF 19		PPT1514-C503	
ISSUED FOR PERMITTING		NO.		1	
DATE: 10/15		KRB		BSS	
DRAWN		CHKD		APPRV.	



DIAMETER	WALL THICKNESS (MIN.)	FLOOR THICKNESS (MIN.)
4'	5"	6"

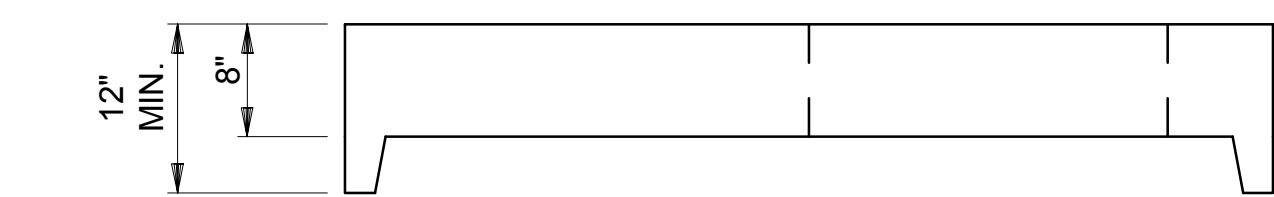
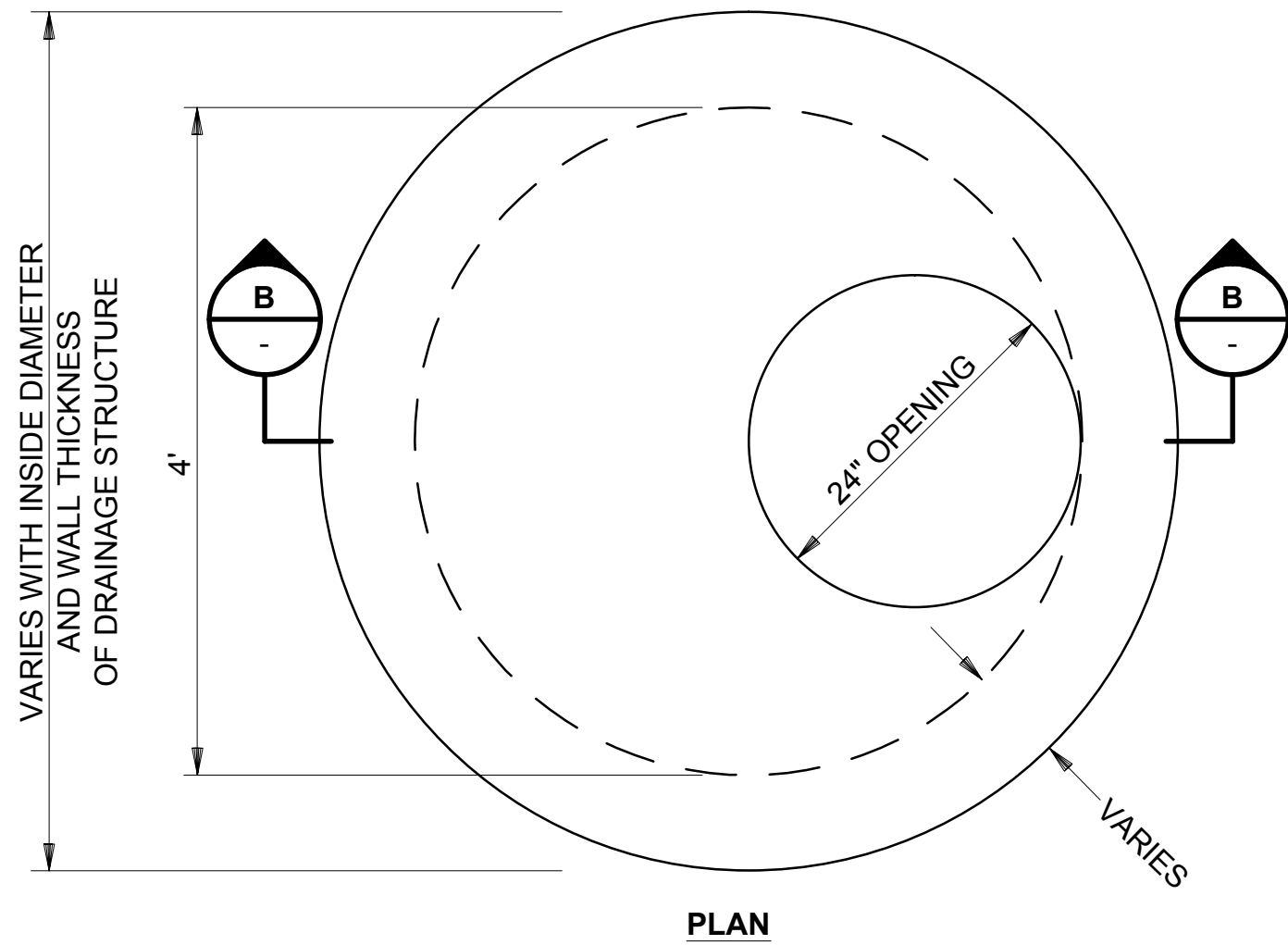
CORE HOLE SIZE		
PIPE SIZE	PLASTIC CORE HOLE DIA.	
INCHES	INCHES	FEET
12"	18	1.5



SOURCE: NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION
STANDARD PLANS FOR ROAD CONSTRUCTION 2010.

PRECAST CONCRETE
MANHOLE (MH-1)
NOT TO SCALE

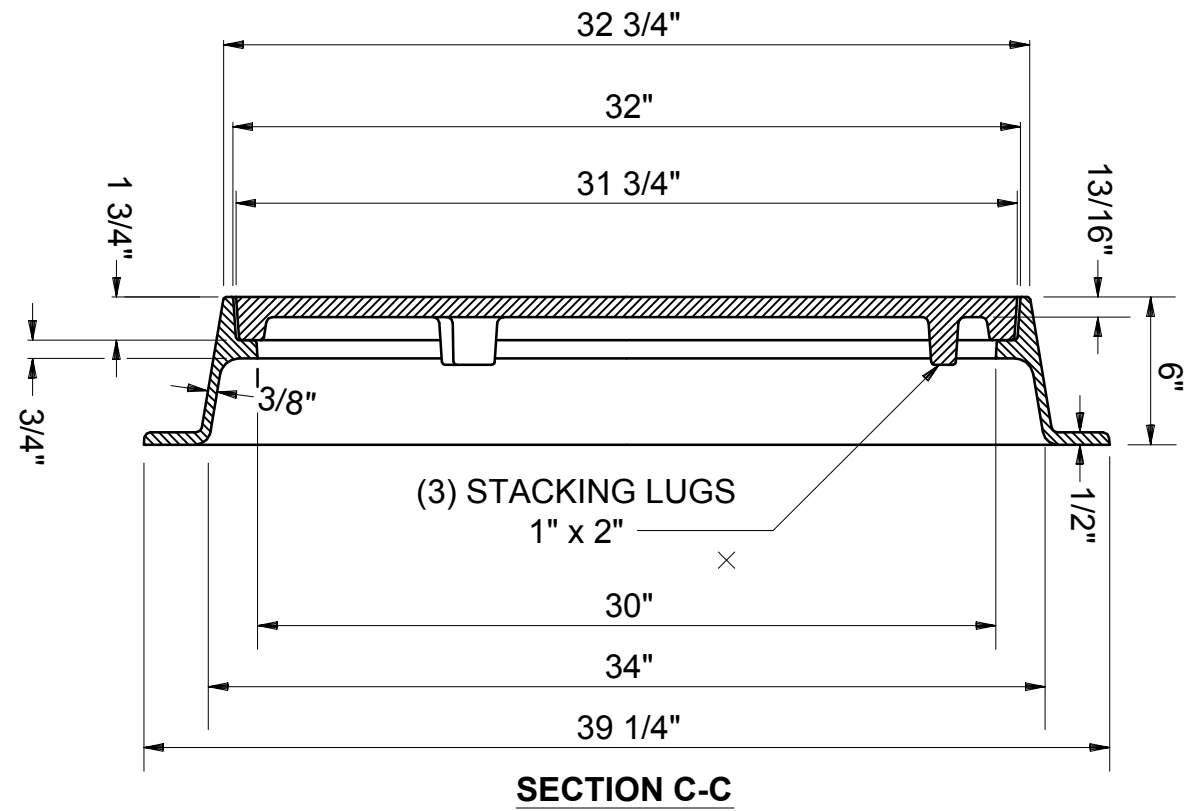
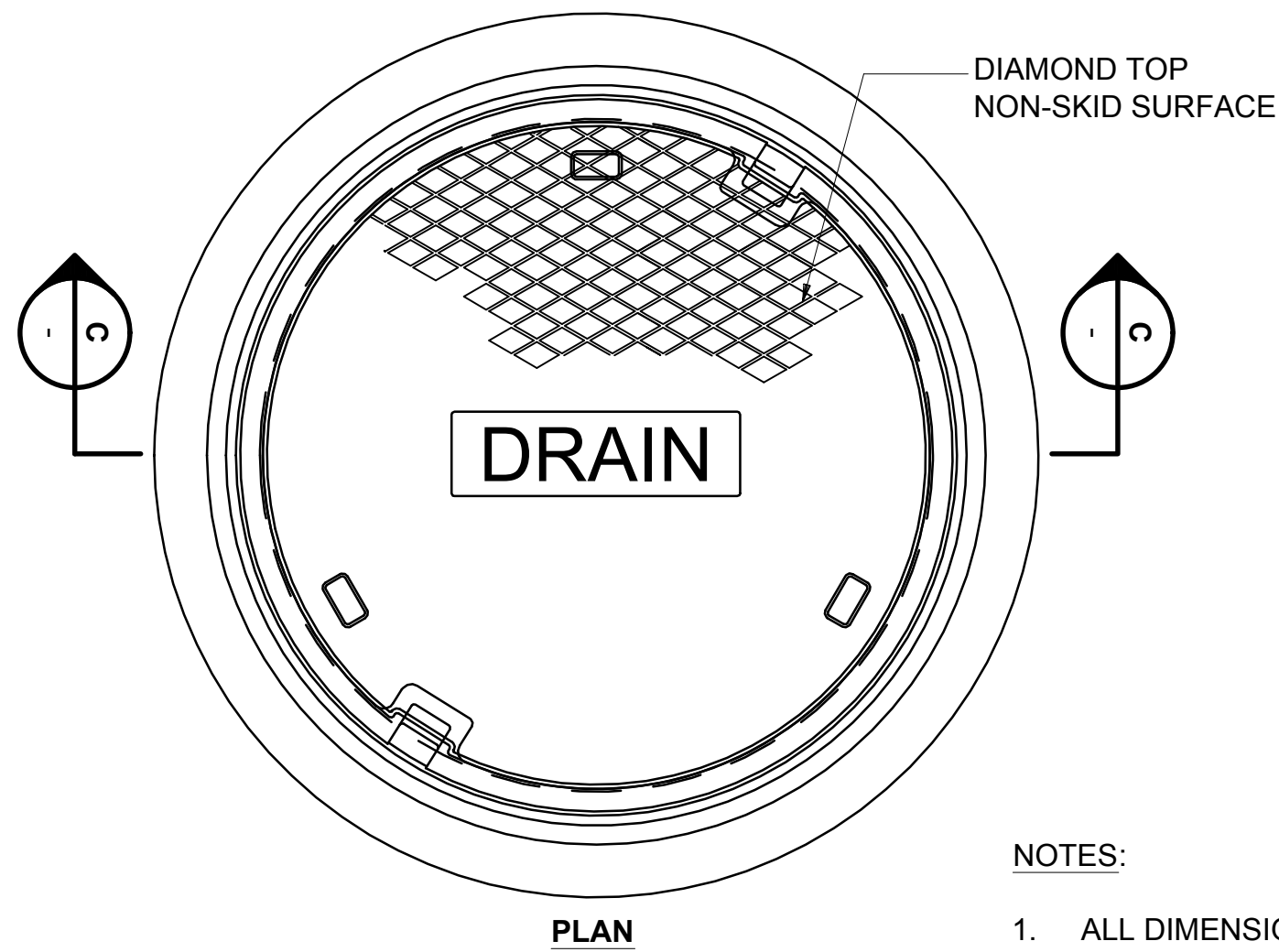
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C104



SECTION B-B
FLAT SLAB TOP

GENERAL NOTES:

- FITTING FRAME TO GRADE MAY BE DONE WITH PREFABRICATED ADJUSTMENT RINGS OR CLAY BRICKS (2 COURSES MAX.).
- CONE SECTIONS MAY BE EITHER CONCENTRIC OR ECCENTRIC, OR FLAT SLAB TOPS MAY BE USED WHERE PIPE WOULD OTHERWISE ENTER INTO THE CONE SECTION OF THE STRUCTURE AND WHERE PERMITTED.
- PIPE ELEVATIONS SHOWN ON PLANS SHALL BE FIELD VERIFIED PRIOR TO PRECASTING.
- OUTSIDE EDGES OF PIPES SHALL PROJECT NO MORE THAN 3" BEYOND INSIDE WALL OF STRUCTURE.
- PRECAST SECTIONS SHALL HAVE A TONGUE AND GROOVE JOINT 4" HIGH AT AN 11° ANGLE CENTERED IN THE WIDTH OF THE WALL AND SHALL BE ASSEMBLED USING AN APPROVED FLEXIBLE SEALANT IN JOINTS.
- ALL STRUCTURES WITH MULTIPLE PIPES SHALL HAVE A MINIMUM OF 12" OF INSIDE SURFACE BETWEEN HOLES, NO MORE THAN 75% OF A HORIZONTAL CROSS-SECTION SHALL BE HOLES, AND THERE SHALL BE NO HOLES CLOSER THAN 3" TO JOINTS.

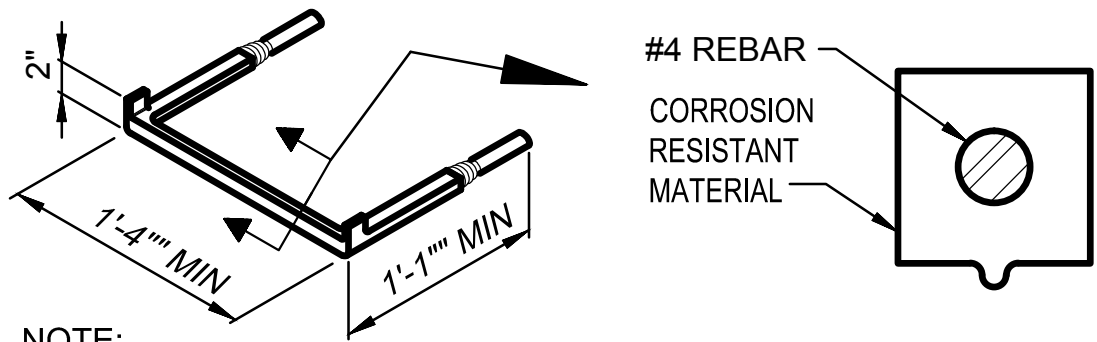


NOTES:

- ALL DIMENSIONS ARE NOMINAL.
- LABEL TYPE OF MANHOLE WITH 3" HIGH LETTERS IN THE CENTER OF THE COVER.

SOURCE: NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION
STANDARD PLANS FOR ROAD CONSTRUCTION 2010.

MANHOLE FRAME AND COVER
NOT TO SCALE



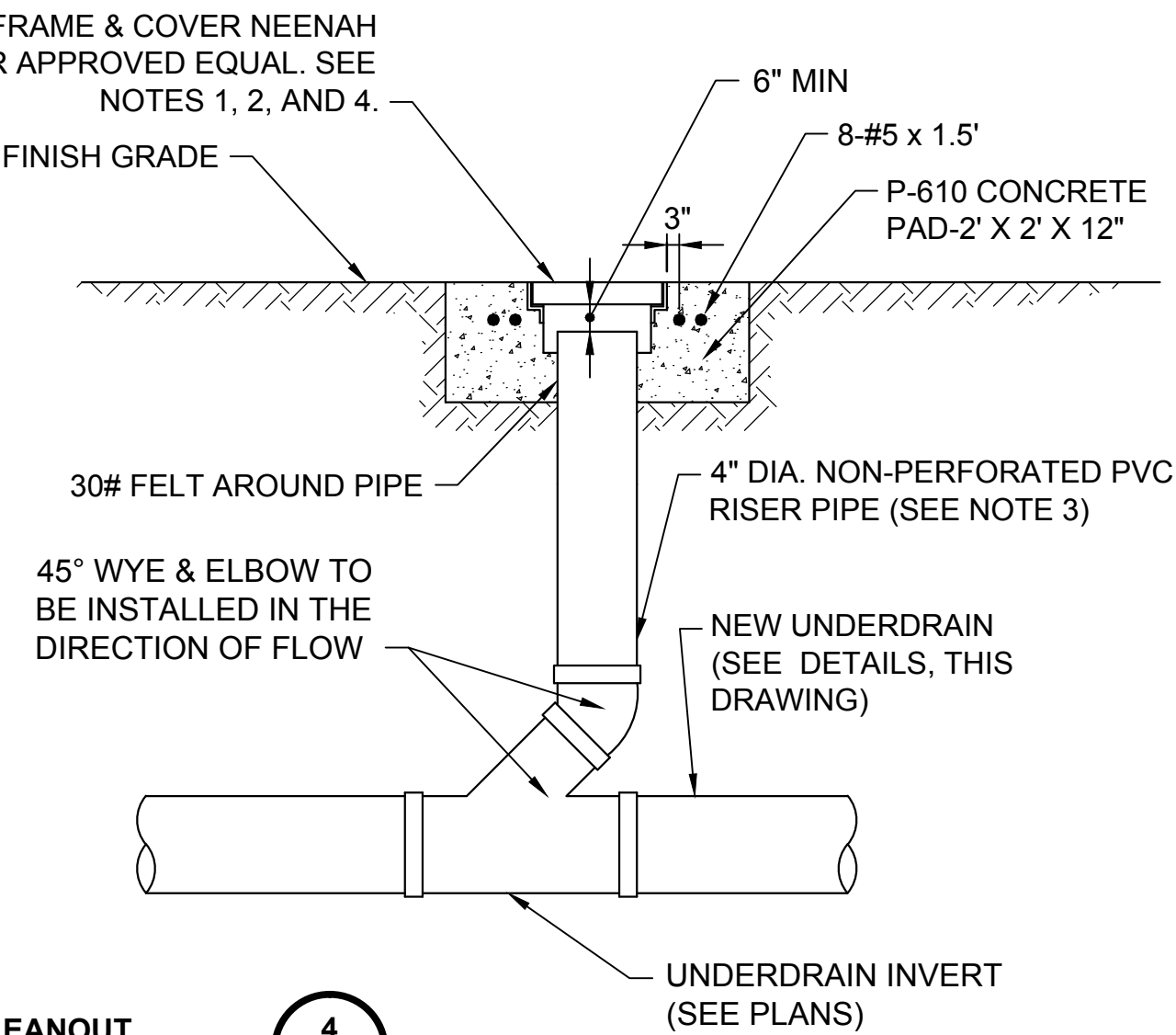
NOTE:
No. 4 REBAR ENCASED IN CORROSION RESISTANT RUBBER OR OTHER MATERIAL APPROVED BY THE OWNER'S REPRESENTATIVE.

MANHOLE STEP
NOT TO SCALE

NOTES

- CLEANOUT FRAME AND COVER SHALL BE DUCTILE IRON DESIGNED TO HS-20 LOADINGS.
- NO LOAD SHALL BE TRANSFERRED FROM FRAME AND COVER TO PVC UNDERDRAIN CLEANOUT OR COLLECTION STRUCTURE.
- STANDARD MANUFACTURER FITTINGS SHALL BE USED TO CONNECT VERTICAL UNDERDRAINS TO HDPE UNDERDRAINS AND OUTLET PIPES.
- ALL UNDERDRAIN CLEANOUT AND COLLECTION STRUCTURE COVERS SHALL BE BOLT DOWN TYPE.
- INVERTS FROM OPPOSITE DIRECTIONS MAY NOT BE AT THE SAME ELEVATIONS AS SHOWN IN DETAIL REFER TO THE PLANS FOR INVERT ELEVATIONS.

UNDERDRAIN CLEANOUT
NOT TO SCALE

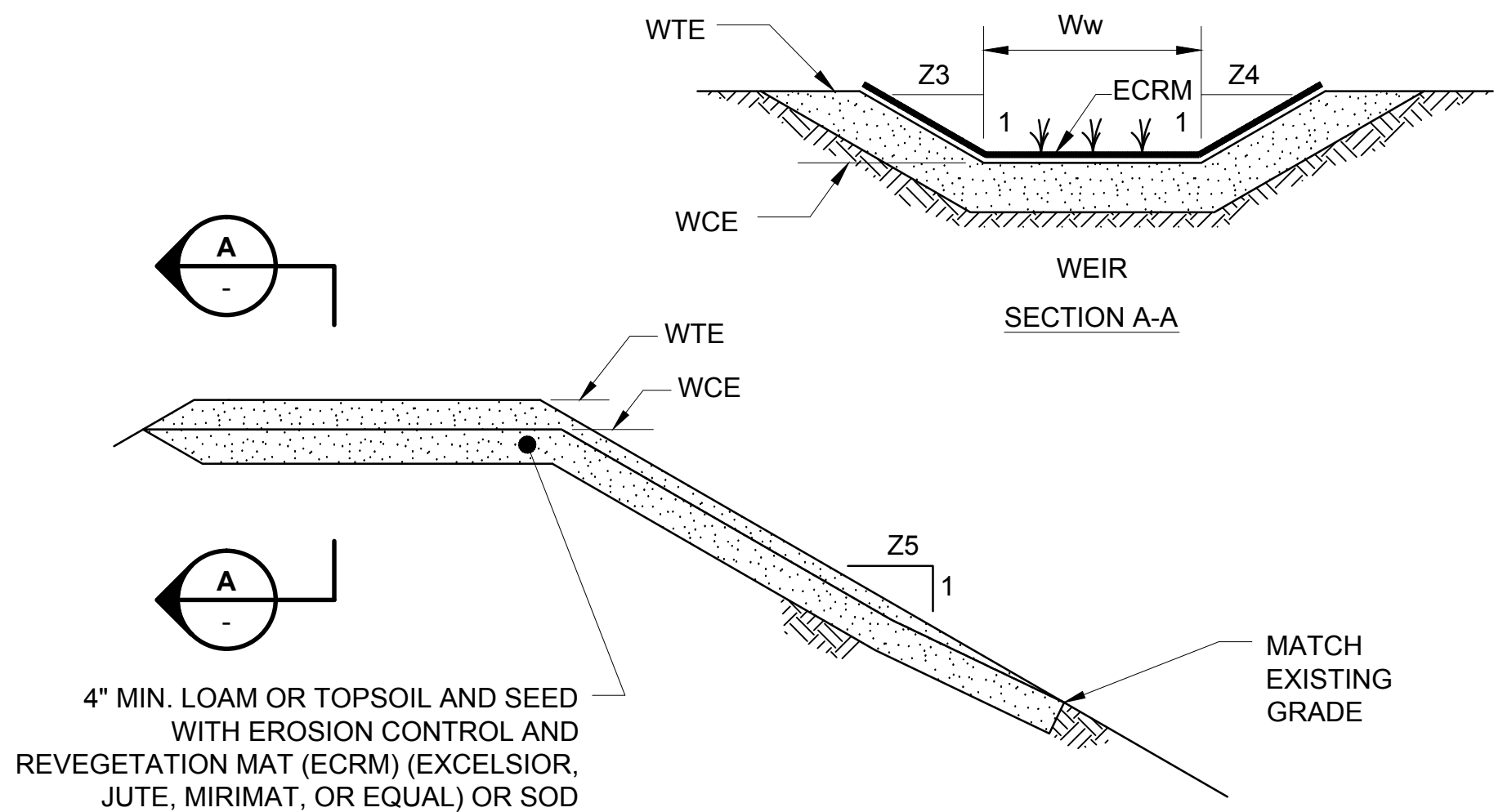


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Oct 5 2015

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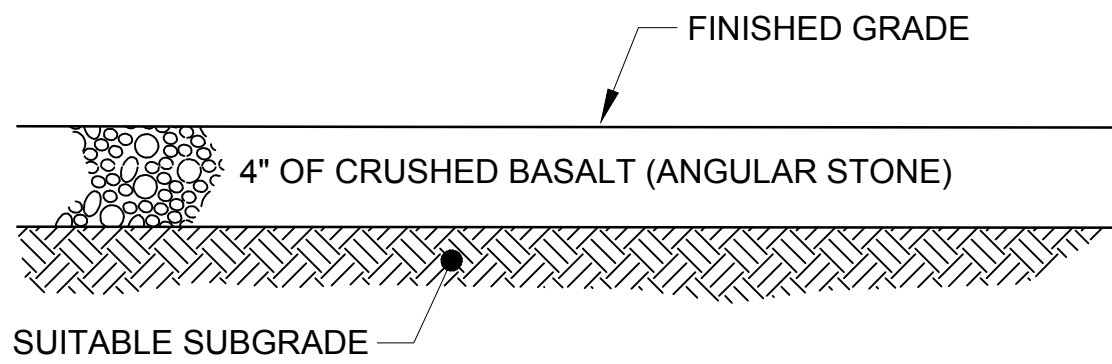
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DRW: KRB	APR: BSS	DATE: 10/7/15	NO.	1
TOWN: FRANKLIN, NH	TRANSMISSION LINE:	DATE: 10/7/2015	NO.	1
MILE NO:	SHEET 16 OF 19	DATE: 10/7/2015	NO.	1
REVISION: 11/16/2013				

DOI: 10.1002/for



SPILLWAY WEIR							
BASIN NO.	Z3 (FT)	Z4 (FT)	TOP ELEV WTE (FT)	CREST ELEV WCE (FT)	WIDTH Ww (FT)	LINING	Z5 (FT)
1	3	3	332.50	331.50	35	SC-250	4
2	3	3	302.00	301.00	10	SC-250	160

SECTION THROUGH SPILLWAY
NOT TO SCALE

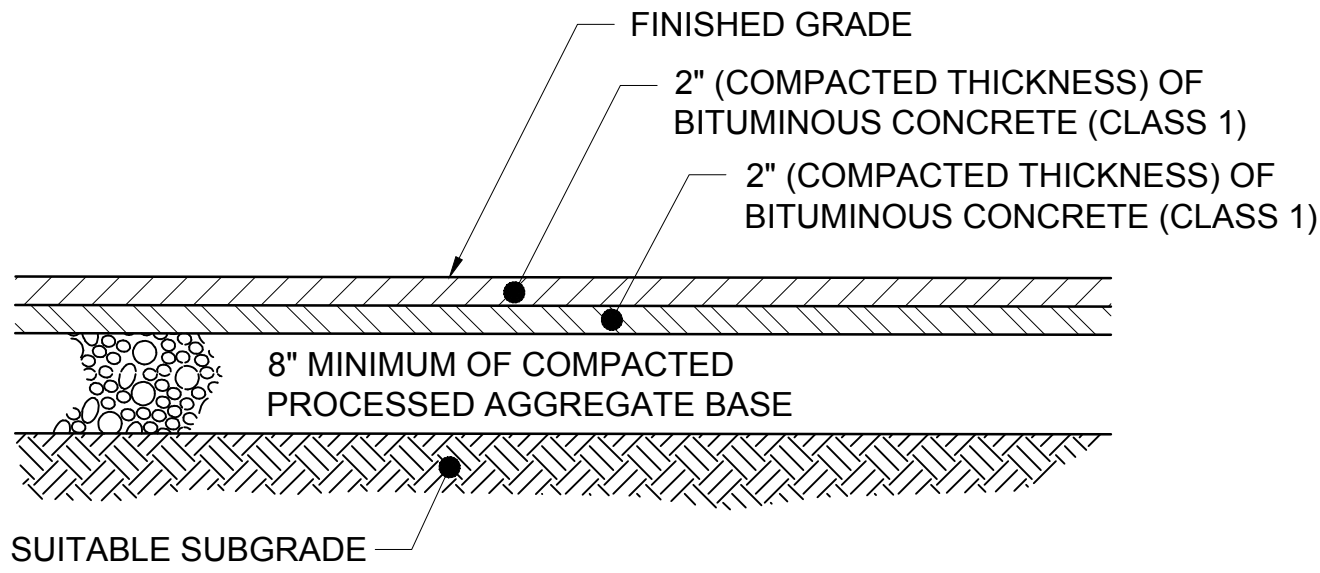
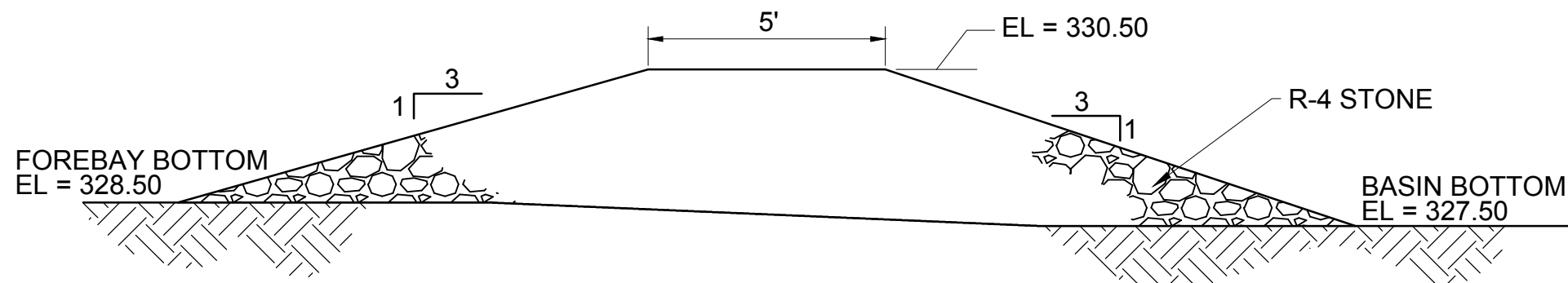
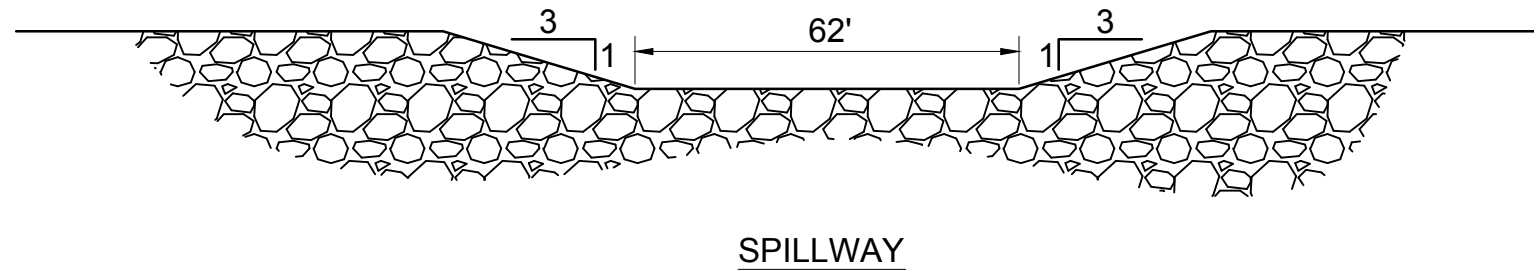


NOTES:

- REMOVE ALL LOAM, CLAY, MUCK, STUMPS, AND OTHER IMPROPER ROAD FOUNDATION MATERIAL WITHIN 2' OF SUBGRADE. REPLACE WITH COMPACTED GRANULAR FILL MATERIAL ACCEPTABLE TO APPROVING AGENCY. COMPACTION TO BE AT LEAST 95% OF STANDARD PROCTOR.
- STATION SURFACE STONE SHALL EXTEND 3-FT OUTSIDE THE STATION PERIMETER FENCE.
- GRAVEL ACCESS ROAD SHALL HAVE AT LEAST 8 INCHES OF PROCESSED AGGREGATE BASE.

STATION AND ACCESS ROAD SURFACE STONE GRADATION	
SIEVE	PERCENT BY WEIGHT PASSING SQUARE MESH SIEVE
1-1/2 INCH	100
1 INCH	93-100
1/2 INCH	27-58
1/4 INCH	0-8

STATION AND ACCESS ROAD GRAVEL SURFACE SECTION
NOT TO SCALE

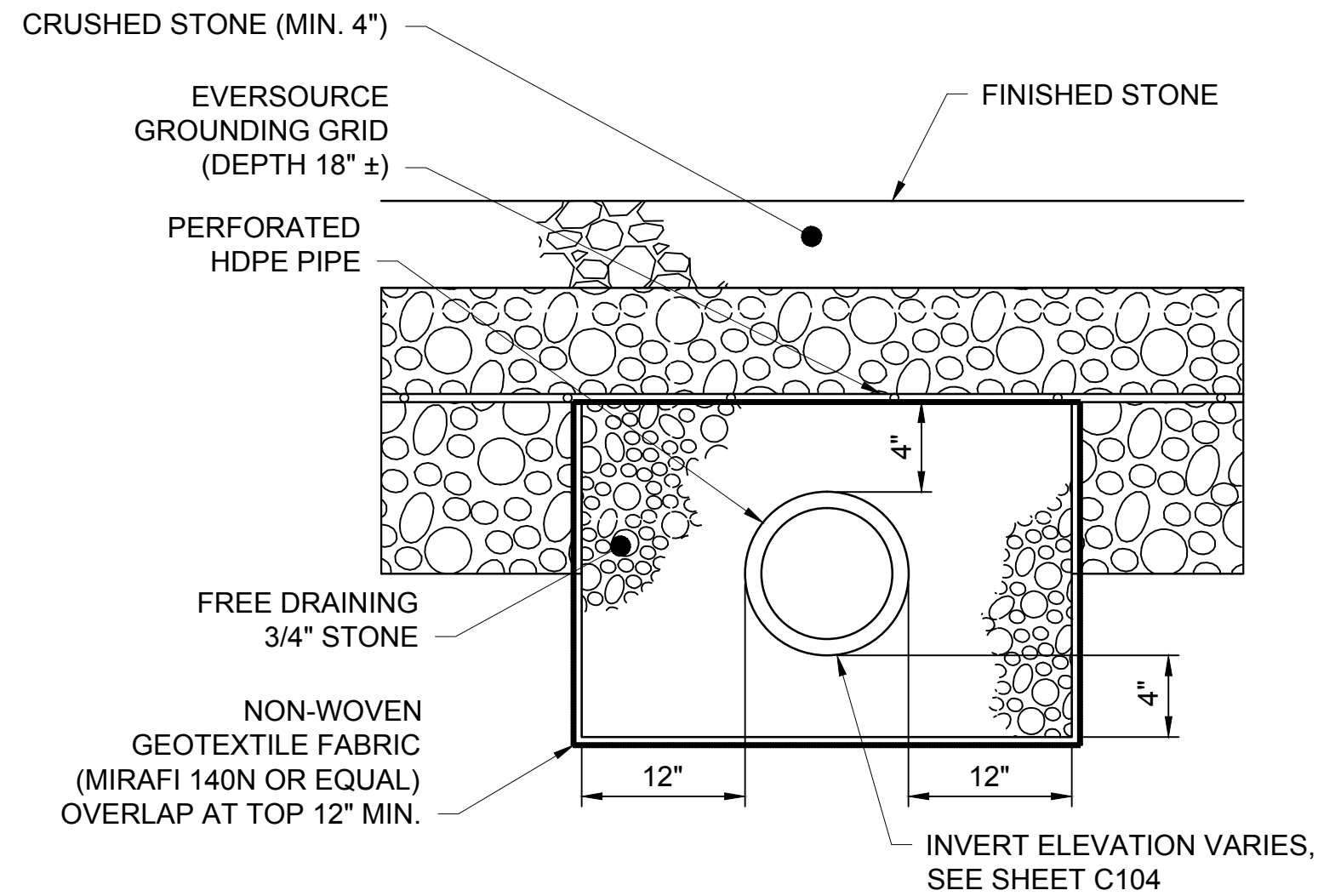
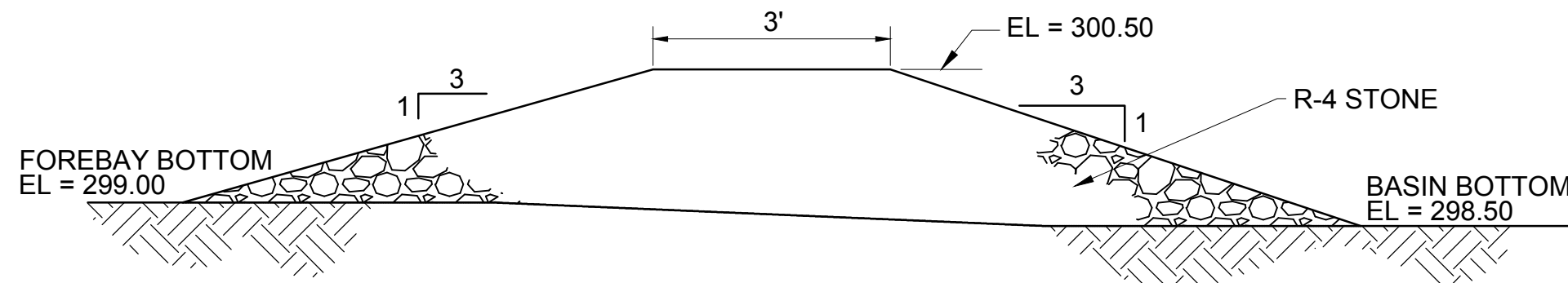
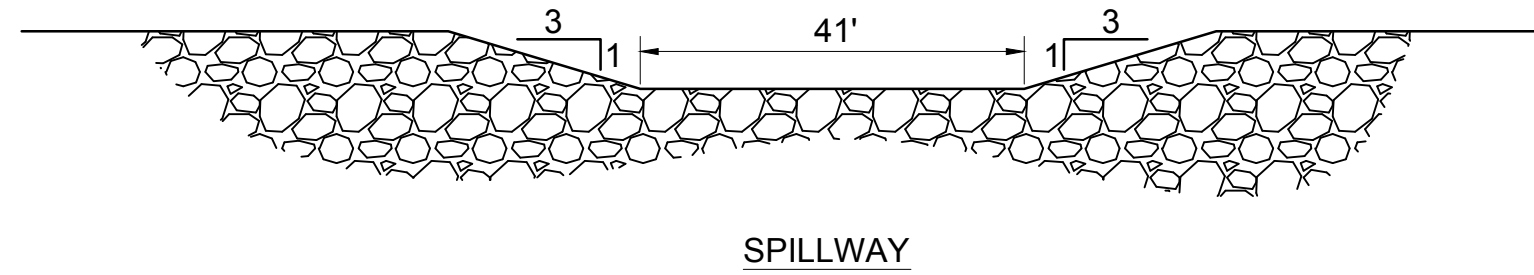


PAVEMENT AGGREGATE BASE STONE GRADATION	
SIEVE	PERCENT BY WEIGHT PASSING SQUARE MESH SIEVE
2-1/2 INCH	100
2 INCH	95-100
3/4 INCH	50-75
1/4 INCH	25-45
NO. 40	5-20
NO. 100	2-12

BITUMINOUS CONCRETE PAVEMENT SECTION
NOT TO SCALE

ROAD CONSTRUCTION NOTES:

- REMOVE ALL LOAM, CLAY, MUCK, STUMPS, AND OTHER IMPROPER ROAD FOUNDATION MATERIAL WITHIN 2' OF SUBGRADE. REPLACE WITH COMPACTED GRANULAR FILL MATERIAL ACCEPTABLE TO APPROVING AGENCY. COMPACTION TO BE AT LEAST 95% OF STANDARD PROCTOR.
- ALL PAVEMENT, BASE MATERIALS AND WORKMANSHIP TO BE IN COMPLIANCE WITH N.H.D.O.T. "STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION.



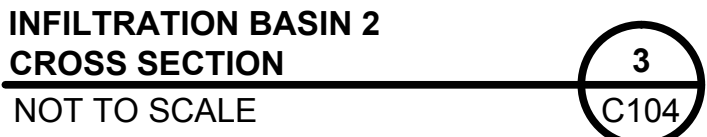
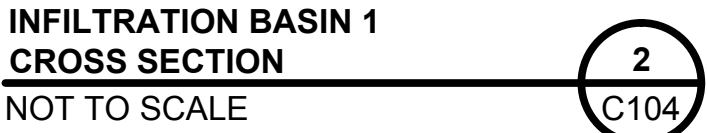
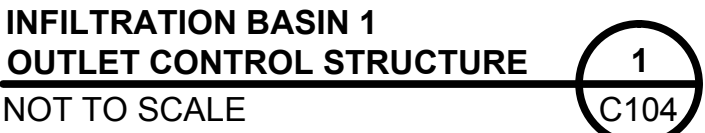
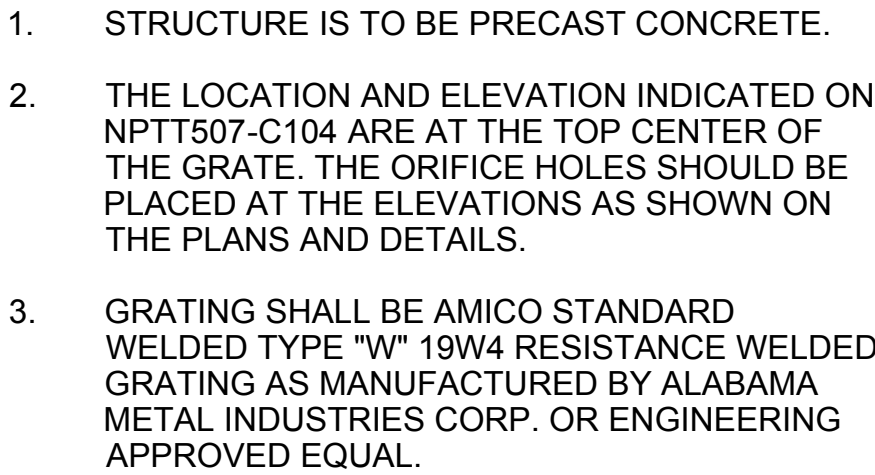
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DRW: KRB APR: BSS		
TOWN: FRANKLIN, NH		
TRANSMISSION LINE:		
MILE NO:		
SHEET 18 OF 19		
NPTT518-C507		
REVISION: 11/10/2013		



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FRANKLIN STATION

CONSTRUCTION DETAILS

IS NOTED

DATE: 10/1/20

DES: RLR	CHK: JJS
DRW: KRB	APR: BSS
TOWN: FRANKLIN, NH	
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